

OSBORNE TOOLS

CATALOG
No. 71



C. S. OSBORNE & Co.
HARRISON, NEW JERSEY, U.S.A.
ESTABLISHED 1826

C. S. OSBORNE & CO.
HARRISON, N. J.

MANUFACTURERS

of high quality tools for leatherworkers, upholsterers, carpet layers, plumbers, boat builders and canvas goods manufacturers.

IMPORTERS

of the finest grade English hardware needles. These needles and our tools are used by the same trades, mentioned above. Their time tested popularity insures ready sales.

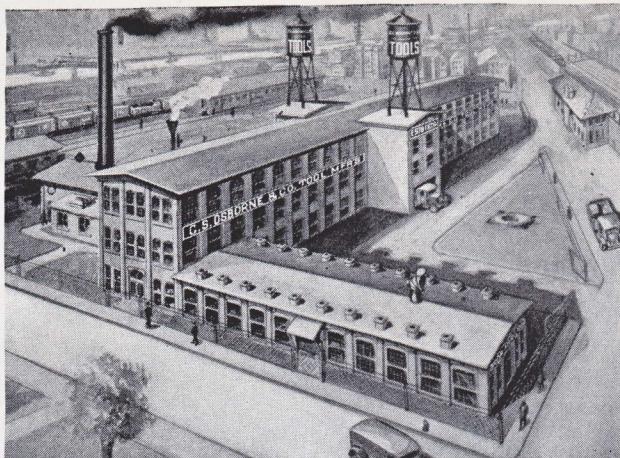
SPECIALISTS

In addition to our regular line, we make many special tools to order. For some typical examples see pages 50 and 51.

OTHER CATALOGS

This catalog covers all items normally stocked by hardware and mill supply houses. We also issue separate catalogs showing our specialized tools for the leather and upholstery trades.

C. S. Osborne & Co.



FACTORY AND MAIN OFFICE
125 JERSEY STREET
HARRISON, NEW JERSEY

OUR PRODUCTS

Only the very finest materials are used in Osborne tools. Our craftsmen have the skill of long experience and are justifiably proud of the products they create. Expert finishing and neat packaging stimulate dealers' sales.

GUARANTEE

We warrant all tools purchased from us to be perfect in material and temper, to be free from flaws and to do the work for which they are intended. We will replace, free of charge, any tool which may prove defective, if sent to us for inspection, transportation charges prepaid.

Tools which are known to have given reasonable service, or have been misused, will not be considered defective.

TERMS

Our terms of payment are 30 days net, no cash discounts allowed. In cases where parties are not known to us and do not have a satisfactory commercial rating, we prefer cash with order or satisfactory references to establish credit. All bills subject to sight draft when due.

SHIPPING CHARGES

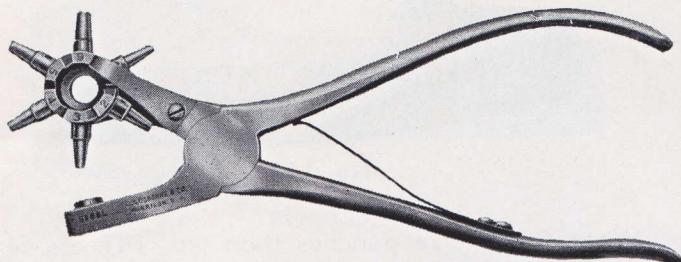
All our goods are sold F.O.B. Harrison, N. J. at consignee's risk when in transit.

OSBORNE



PUNCHES

REVOLVING PUNCH



No. 155

6 Tube or 4 Tube

This Punch has been known for many years as the best Revolving Punch ever made. The frame is made of forged steel, highly polished. The cutting tubes are hand turned from high carbon tool steel and threaded to allow easy replacement. These tubes are individually tempered and polished.

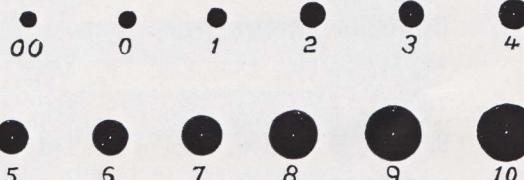
Length of punch — 8½ inches.

Weight per dozen — 11½ lbs.

Packed ½ dozen.

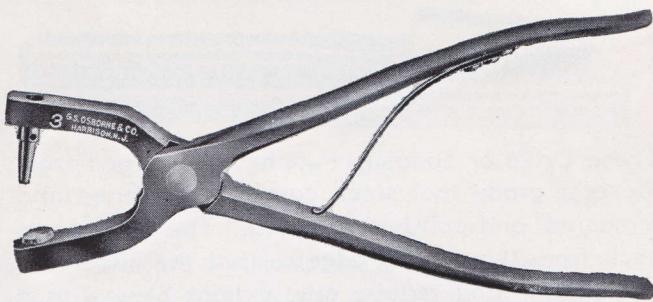
EXTRA SCREW TUBES for No. 153, 155 and 157 punches are furnished in the sizes shown below.

ACTUAL SIZE OF CUTTING TUBES
FOR No. 155, 153 and 157 Punches



All tubes threaded for easy replacement.

SPRING PUNCH



No. 153

Single Tube

Forged steel frame. Highly polished. Fitted with replaceable, hand turned screw tubes. The reach, or distance from the cutting tube to back of jaw is 1½ inches. Made in sizes 00 to 10.

Note: Tubes sizes 00 to 7 fit the same frames and are interchangeable. Tube size 8 fits No. 8 frame only. Tubes 9 and 10 fit the same frames and are interchangeable.

Length of punch — 8½ inches.

Weight per dozen — 10 lbs.

Packed ½ dozen.

DRIVE PUNCH



No. 157

A Drive Punch made with replaceable screw tubes for delicate work. Made in sizes 00 to 10.

Note: Tubes 00 to 7 fit the same handles and are interchangeable. Tube size 8 fits the No. 8 handle only. Tubes 9 and 10 fit the same handles and are interchangeable. A popular tool in the pocket book and leather novelties industries.

Packed one dozen.

OSBORNE



PUNCHES

ROUND DRIVE PUNCHES

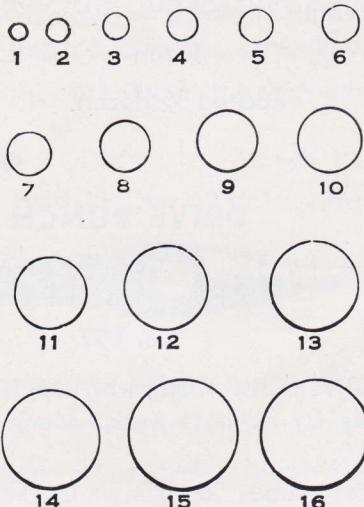


No. 147

These Drive or Saddlers Punches are forged from the best grade tool steel, carefully hardened and tempered, and polished complete. The hole tapers back from the cutting edge so that the punchings clear freely and require only a light blow with a mallet to cut with ease.

Size No.	Diam. of Cut	Size No.	Diam. of Cut	Size No.	Diam. of Cut
0.....	5/64 in.	6.....	3/16 in.	12.....	13/32 in.
1.....	7/64 in.	7.....	7/32 in.	13.....	7/16 in.
2.....	1/8 in.	8.....	1/4 in.	14.....	15/32 in.
3.....	9/64 in.	9.....	9/32 in.	15.....	33/64 in.
4.....	5/32 in.	10.....	5/16 in.	16.....	9/16 in.
5.....	11/64 in.	11.....	23/64 in.		

Sizes 0 to 12 packed One Dozen to a Box
Sizes 13 to 16 packed $\frac{1}{2}$ Dozen to a Box



Cuts are actual size of holes punched with No. 147 Punches.

We are glad to make special sizes to order on any of our punches.

ROUND PUNCH — LARGE



No. 148

When larger size punches than No. 147 are required, this fine quality hand forged punch is recommended for

Sizes $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch Diameter.

This punch, like No. 147, is made with taper clearance. Polished complete.

Packed one each

ARCH PUNCH



No. 149

The finest Arch Punch on the market. Our No. 149 is forged from best quality tool steel. Has tapered clearance to permit easy ejection of cuttings. Large handle easy to hold and to strike. Outside of barrel full polished, handle japanned.

Made in sizes shown below with special and larger sizes made to order.

Diameter of holes cut: $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{5}{8}$, $1\frac{3}{4}$, $1\frac{7}{8}$, 2, $2\frac{1}{8}$, $2\frac{1}{4}$, $2\frac{3}{8}$, $2\frac{1}{2}$, $2\frac{5}{8}$, $2\frac{3}{4}$, 3, $3\frac{1}{8}$, $3\frac{1}{4}$, $3\frac{3}{8}$, $3\frac{1}{2}$, $3\frac{5}{8}$, $3\frac{3}{4}$, $3\frac{7}{8}$, and 4 inches.

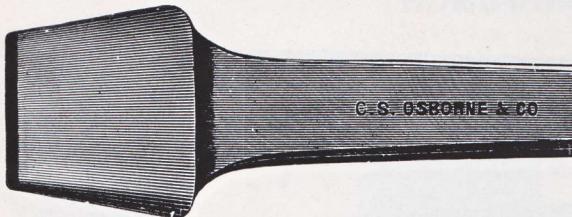
Packed one each

OSBORNE



PUNCHES

BAG OR OBLONG PUNCH



No. 151

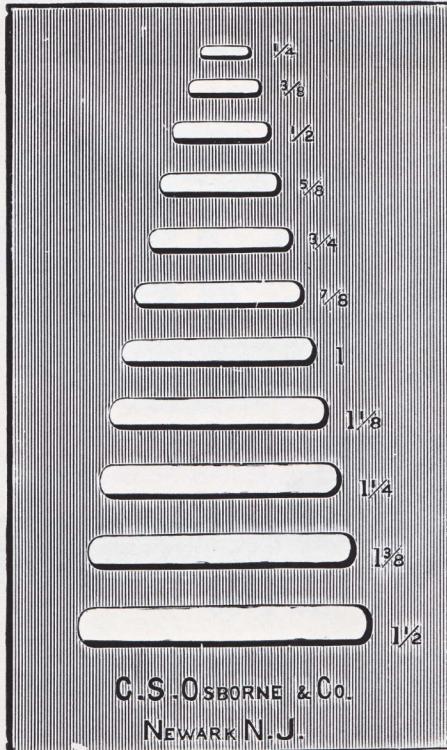
Bag or Oblong Punches. Hand forged. Taper clearance. Polished complete. Used extensively by leather bag and strap manufacturers.

Sizes: $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch.

Special sizes made to order

Packed one each

Shown below are actual size holes cut by No. 151 Bag Punches in the various sizes.



OVAL DRIVE PUNCH

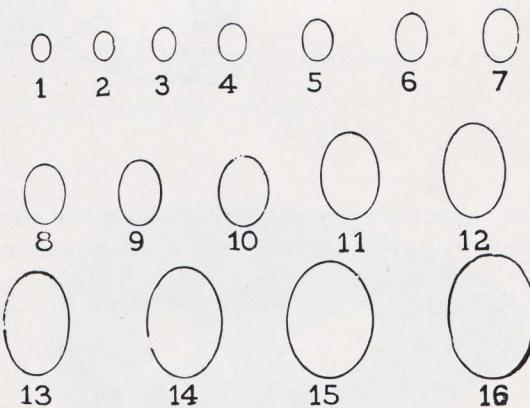


No. 158

Like our other punches, No. 158 is forged from the best grade of tool steel and carefully tempered. The hole tapers back from the cutting edge so that punchings can clear freely. Fully polished. Made in sizes 1 to 16 as shown below.

Packed one dozen

ACTUAL SIZE HOLES CUT WITH No. 158
PUNCHES, SIZES 1 TO 16.



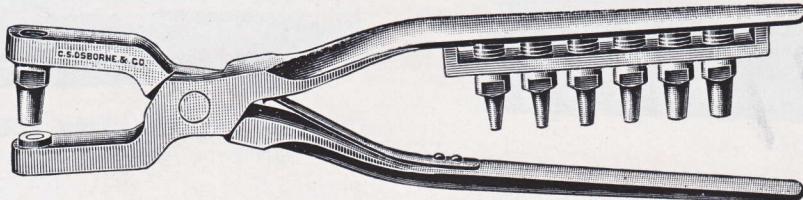
All Drive Punches should be used with a wooden or rawhide mallet — never with a hammer. Our No. 165½ mallet, shown on page 10, is designed especially for this purpose.

OSBORNE



PUNCHES

HEAVY DUTY SPRING PUNCH

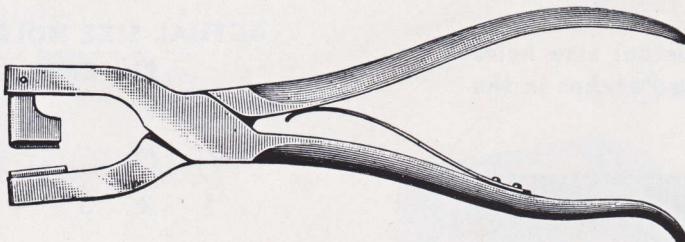


No. 153½

No. 153½. Heavy Duty Spring Punches. Forged steel. Weight each 1 lb., 13 oz. Length, 11 inches. With Screw Tubes, sizes $\frac{3}{32}$, $\frac{1}{8}$, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{4}$, $\frac{9}{32}$.

No. 153½-S. Heavy Duty Spring Punches, with one of the above tubes and without rack.

EAR MARKER



No. 282

Widely used by breeders for notching the ears of livestock. Forged steel frame. Hand ground cutters. Cuts notches $\frac{1}{2}$ inch long. $\frac{9}{32}$ inch wide at opening, tapering to $\frac{1}{8}$ inch.

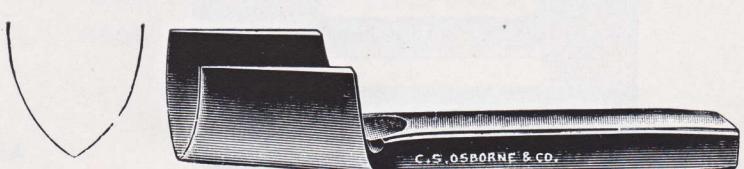
Packed one dozen

STRAP END PUNCHES



No. 150

Strap End Punches, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch.



No. 0150

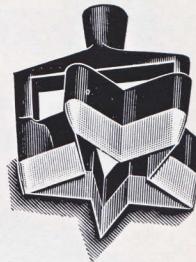
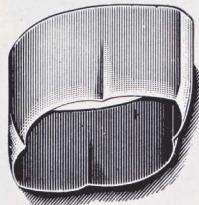
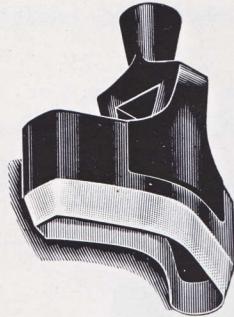
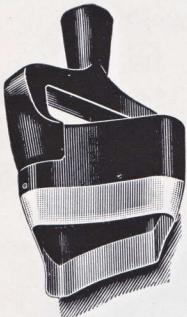
English Point Strap End Punches, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch.

CUTTING



DIES

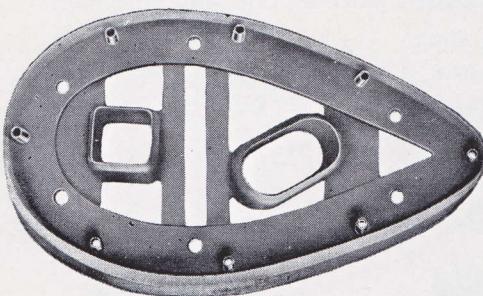
CUTTING DIES A SPECIALTY



For fast production and long life, use Osborne Cutting Dies. Every die individually made to customer's blueprint, sketch or template. Prices quoted promptly for your requirements.

Clicker Dies — Mallet Dies — Dinker Dies

Used by all leather goods manufacturers, shoe manufacturers, makers of gaskets, washers, rubber goods, paper and cardboard, textile and canvas goods manufacturers and countless others.



Construction details of an Osborne Clicker Die showing cutting edge and inside cutters.



A gasket cut with the Clicker Die shown on the left.

See Page 10 for Rawhide Mallets to be used with Dies and Punches

OSBORNE



MALLETS



ROUND HICKORY

Made of second growth hickory, a carefully finished, well balanced, heavy hickory mallet. Our best quality.

No.	2	2 1/2	3	3 1/2	4
Weight	1 lb. 14 oz.	1 lb. 5 oz.	1 lb. 4 oz.	14 oz.	12 oz.
Size	3x6"	2 3/4x5 3/4"	2 1/2x5 1/2"	2 1/4x5 1/4"	2x5"

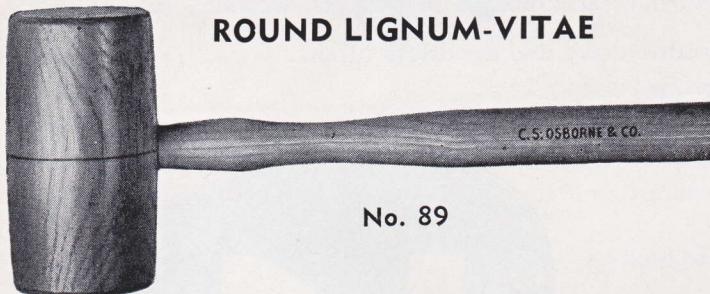
No. 89 1/2

A serviceable and sturdy mallet, widely used for a variety of purposes.

No.	2	3	4	5
Weight	1 lb. 4 oz.	13 oz.	10 oz.	7 oz.
Size	3x5"	2 1/2x4 1/2"	2 1/4x4 1/4"	2x4"



ROUND HICKORY



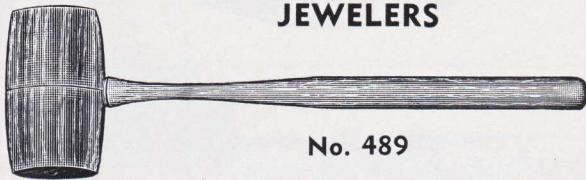
ROUND LIGNUM-VITAE

The heaviest and hardest wooden mallet made. Smoothly finished and well balanced.

No.	2	3	4	5
Weight	1 lb. 10 oz.	1 lb. 1 oz.	14 oz.	10 oz.
Size	3x5"	2 1/2x4 1/2"	2 1/4x4 1/4"	2x4"

No. 89

A small Lignum-Vitae Mallet. Light and well balanced with a removable handle that screws into head. Widely used by jewelers and other craftsmen for delicate work.



JEWELERS

Special Mallets and Mauls
Can Be Furnished to Order.

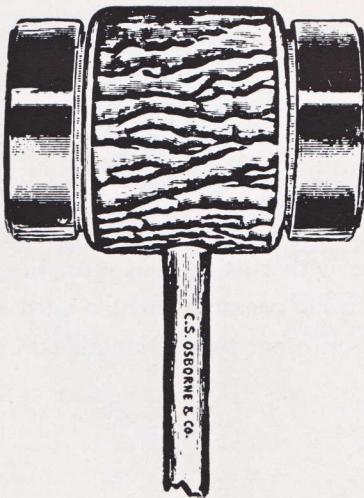
OSBORNE**MAULS**

Our Mauls and Mallets are all made of thoroughly seasoned material of the best quality available. The faces of these mauls are polished smooth and varnished.

BOILERMAKERS' AND COPPERSMITHS' MAUL**No. 435**

Seasoned hickory. Two round faces. Varnished head.

Head Size	Approx. Wt. each	Handle Length
2"x4"	5 oz.	11"
2½"x5½"	1 lb. 4 oz.	12"
3"x6"	2 lbs.	12"
3½"x6"	3 lbs. 4 oz.	13"
4"x8"	5 lbs.	18"

HICKORY PLANK MAUL**No. 434**

Made of best second growth hickory and banded with high grade iron bands, 2" x 1/4".

Head Size	Approx. Wt. each	Handle Length
5"x10"	13 lbs.	36"
6"x11"	18 lbs.	36"
7"x11"	21 lbs.	36"
8"x11"	27 lbs.	38"
9"x12"	32 lbs.	38"

BOILERMAKERS' AND COPPERSMITHS' MAUL**No. 436**

Seasoned hickory. One face rounded, the other flat. Both ends polished and varnished. Bark left on sides in large sizes.

Head Size	Approx. Wt. each	Handle Length
2"x4"	5 oz.	11"
2½"x5½"	1 lb. 4 oz.	12"
3"x6"	2 lbs.	12"
3½"x6"	2 lbs. 8 oz.	13"
4"x8"	4 lbs. 8 oz.	18"

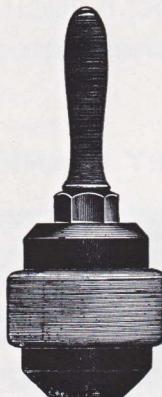
**Special Mallets and Mauls
Can Be Furnished to Order.**

OSBORNE



MALLETS

RAWHIDE MALLET



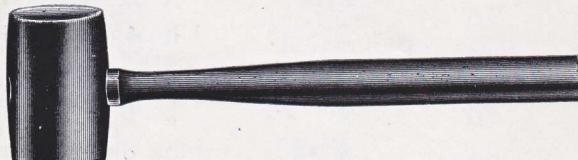
No. 165½

The No. 165½ mallet is extensively used with cutting dies, punches, grommet setting dies and for a variety of other purposes. Made of the best hydraulic pressed rawhide with leather handle. Being round, each side serves as a face, affording longer use than other types. Heads can be refilled when worn down.

No.	0	1	2	3	4	5	6
Lbs.	1½	2½	4½	6	7½	9½	11½

We Make Special Tools to Order — No Quantities Are Too Large or Too Small. For Some Typical Examples, See Pages 50 and 51

RUBBER MALLET



No. 197

No. 197 Rubber Mallets can be used on all parts of a car without fear of marring metal parts. An ideal mallet for changing tires without damage to the rims. Head of solid rubber with enameled black handle.

No. 2. Diameter, 2 inch. Length, 3½ inch. Wgt, 11 oz.
No. 3. " 2½ " " 4 " " 23 "

RAWHIDE MALLET



No. 196

No. 196 is a light Rawhide Mallet. The head is made entirely of rolled rawhide. Handle of white hickory. It is useful in many places where the user wishes to avoid scarring.

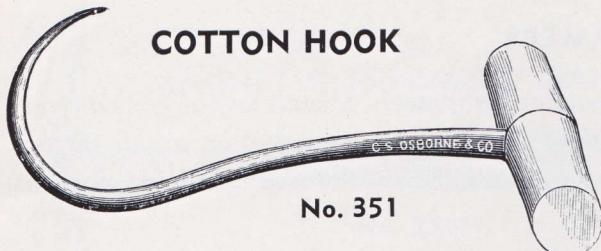
No. 1.	Diameter, 1¼ inch.	Length, 3⅓ inch.	Wgt, 4 oz.
No. 2.	" 1½ "	" 3⅔ "	" 6 "
No. 3.	" 1¾ "	" 3⅓ "	" 8 "
No. 4.	" 2 "	" 3½ "	" 10 "
No. 5.	" 2¾ "	" 4½ "	" 22 "

OSBORNE



HOOKS

COTTON HOOK



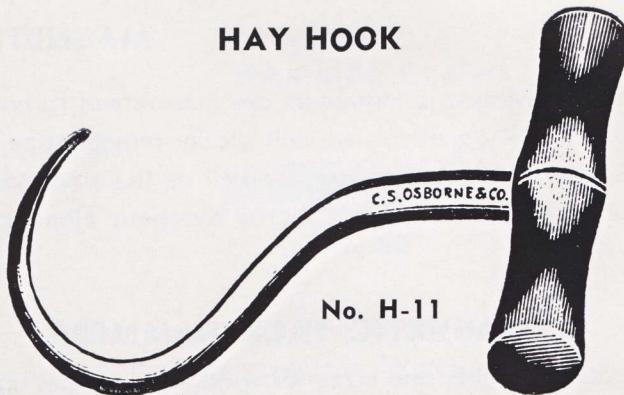
No. 351

Forged from high quality spring steel. Shank is riveted through handle.

Length of blade	6"	8"	10"
Stock size	5/16"	3/8"	3/8"
Diam. of curve	2 1/4"	3 1/4"	3 3/4"
Weight, each	6 oz.	8 oz.	10 oz.

Packed one dozen

HAY HOOK



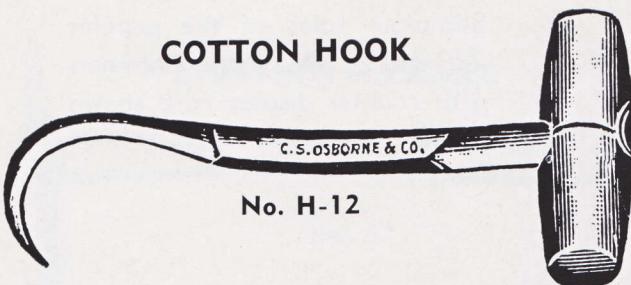
No. H-11

Similar in construction to No. 351 but with deeper bend.

Length of blade	6"	8"
Stock size	3/8"	3/8"
Weight, each	7 oz.	8 oz.

Packed one dozen

COTTON HOOK



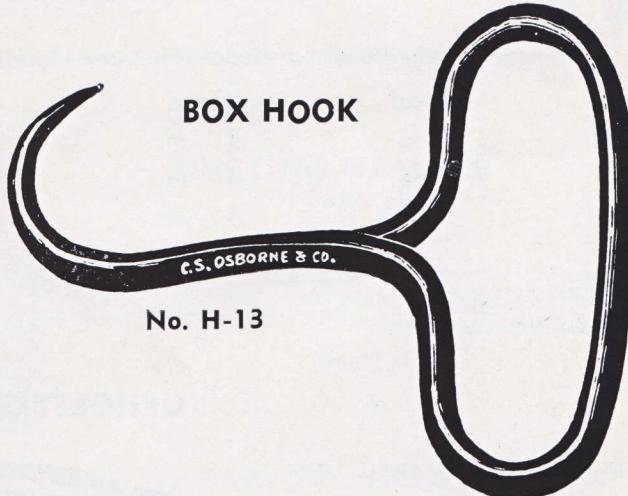
No. H-12

A shallow bend cotton hook. Made of 3/8 inch spring steel. Shank riveted through hardwood handle.

Length of blade	6"	8"
Weight, each	7 oz.	8 1/2 oz.

Packed one dozen

BOX HOOK



No. H-13

Formed entirely of a single piece of 1/2 inch round spring steel, carefully tempered, this hook cannot be beaten for strength and durability. Length of blade, 9 inches. Weight each, 1 lb.

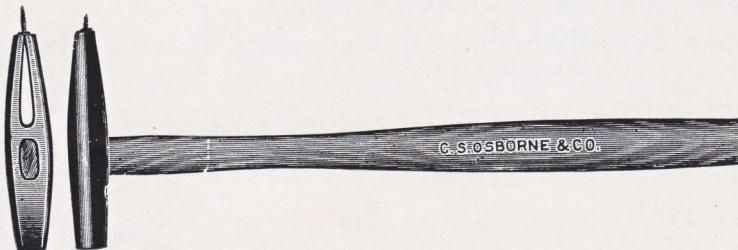
Packed one dozen

OSBORNE**HAMMERS****MAGNETIC HAMMERS**

Osborne Magnetic Hammers are guaranteed to hold their magnetism forever. Should any of our hammers lose their magnetism, we will gladly remagnetize same, free of charge, upon presentation at our factory. Because of this guarantee, as well as the fine materials and excellent finish of these hammers, discriminating dealers insist on Osborne Magnetic Hammers.

MAGNETIC TACK HAMMERS

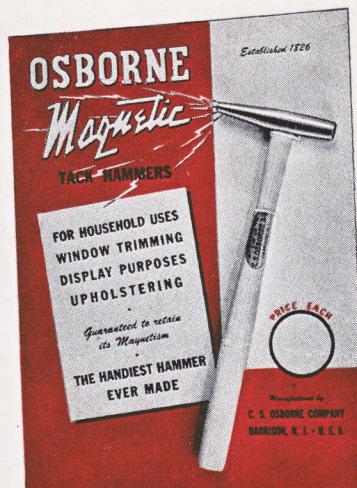
Popular weights and sizes for window trimmers, upholsterers and household use. Forged from our special tool steel, carefully tempered. Highly polished head. Best quality hickory handle.



Forged Steel—Polished Head—Hickory Handle

No.	Head	Head	Overall
225	4 oz.	3½ in.	11 in.
237	5 oz.	4⅛ in.	11½ in.
238	8 oz.	4¾ in.	12 in.

Packed one dozen

**225 Display Card**

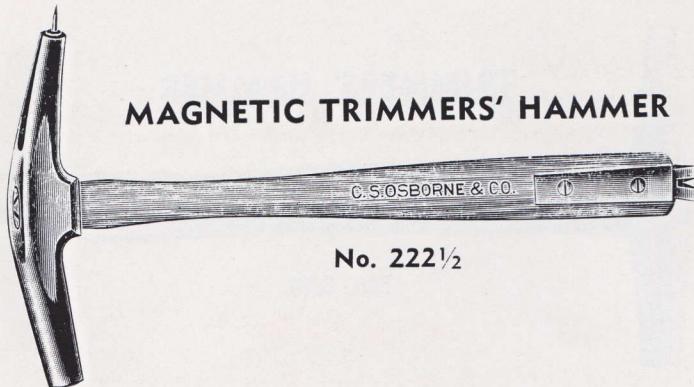
Stimulate sales of the popular 225 and 237 Magnetic Hammers with counter display card shown above.

UPHOLSTERERS' HAMMER

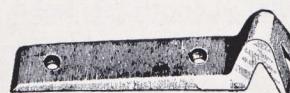
The most widely used Upholsterers' Hammer. Most upholsterers will refuse to accept substitutes for the genuine "Osborne".

**No. 222**

Forged from our special tool steel. Highly polished head. Hickory handle. Length of head, 5½ inches. Weight, 7½ ounces. Magnetic face, $\frac{5}{16}$ inch. Large face, ½ inch. Packed $\frac{1}{2}$ dozen

OSBORNE**HAMMERS****MAGNETIC TRIMMERS' HAMMER****No. 222 1/2**

This hammer is the same as No. 222 but with tack claw on end of handle. Can be furnished left handed if specified. Magnetic face, $\frac{5}{16}$ inch. Large face $\frac{1}{2}$ inch. Length of head $5\frac{1}{2}$ inches. Weight of head, $7\frac{1}{2}$ ounces.

Packed $\frac{1}{2}$ dozen**HAMMER CLAW****No. 82**

Forged steel, carefully hardened and tempered. Polished complete. Widely used by automobile trimmers. Weight per dozen, 14 oz.

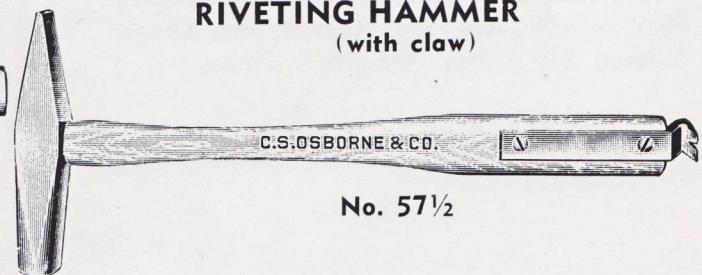
Packed one dozen

We Make Special Tools to Order — No Quantities Are Too Large or Too Small. For Some Typical Examples, See Pages 50 and 51

**No. 57**

Drop forged steel, highly polished head. Hickory handle.

Size No.	Length of Head	Diam. of Face	Weight of Head
000	3 in.	$\frac{3}{8}$ in.	$2\frac{1}{2}$ oz.
00	$3\frac{3}{8}$ in.	$\frac{3}{8}$ in.	3 oz.
0	$3\frac{5}{8}$ in.	$7/16$ in.	4 oz.
1	4 in.	$\frac{1}{2}$ in.	5 oz.
2	$4\frac{1}{4}$ in.	$9/16$ in.	7 oz.
3	$4\frac{1}{2}$ in.	$\frac{5}{8}$ in.	9 oz.
4	$4\frac{3}{4}$ in.	$\frac{3}{4}$ in.	10 oz.
5	$5\frac{1}{4}$ in.	$\frac{7}{8}$ in.	16 oz.
6	$5\frac{1}{2}$ in.	$15/16$ in.	19 oz.

Packed $\frac{1}{2}$ dozen**RIVETING HAMMER
(with claw)****No. 57 1/2**

No. 57 1/2 Riveting Hammer is the same as No. 57 but is furnished with claw on end of handle. Made only in size 2, 11 oz. and size 3, 13 oz.

Packed $\frac{1}{2}$ dozen

Extra handles and wedges can be supplied for all Osborne Hammers.

OSBORNE

QUALITY

HAMMERS

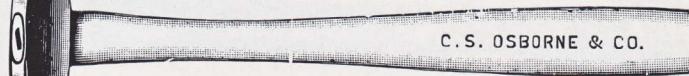


No. 220. Forged polished steel head. White hickory handle. Length of head, 5 inches. Diameter of face $5/8$ ". Weight, 8 ounces each.

Packed one dozen.



TRIMMERS' HAMMER



No. 220

No. 220 $\frac{1}{2}$. The same as No. 220 but with forged steel claw on end of handle.

Packed one dozen.



TRIMMERS' HAMMER



No. 220 $\frac{1}{2}$

No. 211. A fine quality, double faced, non-magnetic Upholsterer's Hammer. Forged steel with adze eye. Hickory handle. Full polished. Small face, $5/16$ inch; large face, $1/2$ inch. Length of head, $5\frac{1}{2}$ inches. Weight, 9 ounces.

Packed one dozen.



UPHOLSTERERS' HAMMER



No. 211

No. 210. Forged steel head, full polished. Plain eye. Hickory handle. Small face $5/16$ inch; large face, $1/2$ inch. Length of head, $5\frac{1}{2}$ inches. weight each, 9 ounces.

Packed one dozen.



UPHOLSTERERS' HAMMER



No. 210

OSBORNE



HAMMERS

SCALING HAMMER



No. 277

No. 277. Forged tool steel. Double edged for chipping scale or paint. Weight 1 lb. each. Length of head, 5 inches. Length of bit, $1\frac{3}{16}$ inches.

Packed one dozen.

TACK HAMMERS



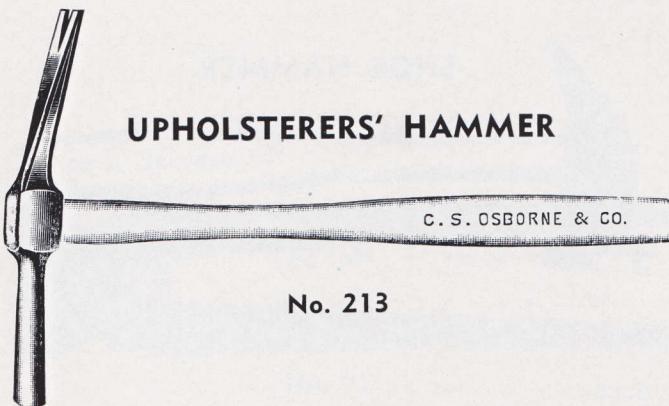
No. 307 — No. 570

No. 307. Forged steel head and claw. Length of head, $3\frac{5}{8}$ inches. Weight 4 ounces each. Full polished.

No. 570. Cast iron head. Otherwise like No. 307.

Packed one dozen.

UPHOLSTERERS' HAMMER

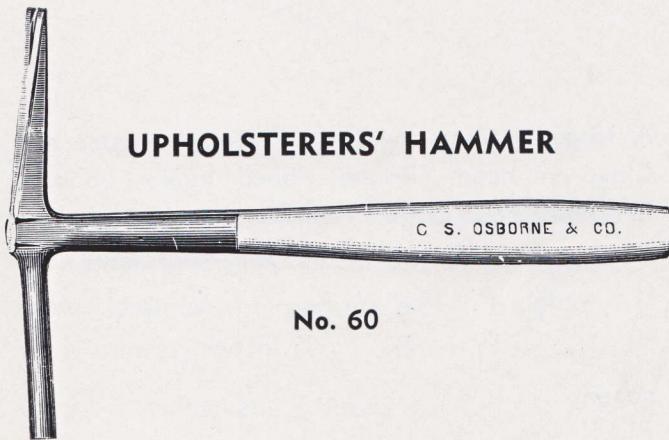


No. 213

No. 213. A moderate priced hammer for general use. Steel forged. Length of head, 6 inches. Diameter of face, $\frac{1}{2}$ inch. Weight, $7\frac{1}{2}$ ounces.

Packed $\frac{1}{2}$ dozen.

UPHOLSTERERS' HAMMER



No. 60

No. 60. Forged steel head with steel strapped white hickory handle. Length of head, 6 inches. Diameter of face, $\frac{1}{2}$ inch. Weight, 8 ounces each.

Packed $\frac{1}{2}$ dozen.

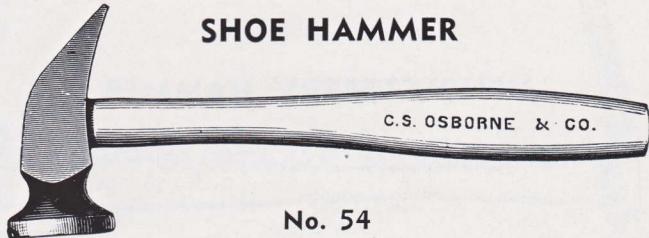
OSBORNE**HAMMERS****CARPET HAMMER****No. 61**

Number	1	2	3	4	5
Size of face	1/4	3/8	7/16	1/2	5/8 in.
Length of head	5 1/2	5 7/8	6 1/4	6 3/4	7 in.
Weight	14	15	16	17	18 oz.

Extra Large are made in sizes 3/4" — 20 oz., and 7/8" — 22 oz.

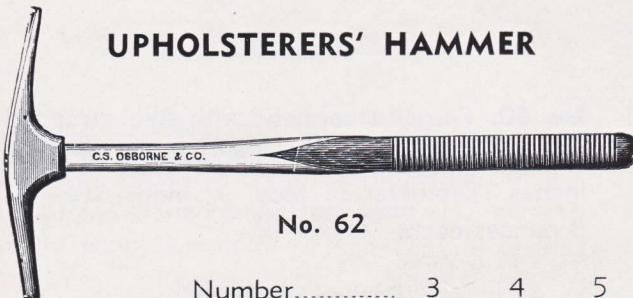
Packed 1/2 dozen each size

A popular standard type Shoe Hammer. Also used by saddlers, luggage manufacturers, and in the small sizes by the pocket book trade. Forged steel, polished face and head, hickory handle. Rounded face to prevent marring of leather.

SHOE HAMMER**No. 54**

Size Numbers	000	00	0	1	2	3	4	5
Weight, each, ounces.....	10	12	15	16	17	18	24	25

Packed 1/2 dozen

UPHOLSTERERS' HAMMER**No. 62**

Number.....	3	4	5	6	7	8	9	10
Size of face.....	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8 inches

Packed 1/2 dozen

A forged hammer with steel strapped adze eye. Claw on head. Round ribbed hickory handle. Length of head, 5 1/2 inches. Weight ea., 11 ounces.

OSBORNE**NIPPERS**

This heavy, forged steel nipper, made with replaceable jaws, provides the ultimate in durability and cutting performance. Adjustable set screw prevents cutters from damaging each other. Extra blades can be furnished for all sizes.

Size	Weight each
8"	1 1/2 lbs.
10"	2 lbs.
12"	2 1/2 lbs.
14"	3 1/2 lbs.

Packed one each

CUTTING NIPPERS**No. 97****CUTTING NIPPERS****No. 97 1/2**

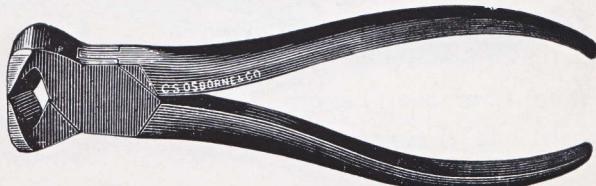
A serviceable and sturdily constructed nipper of malleable iron with replaceable tool steel jaws. Designed especially for the hardware trade. Extra blades can be furnished for all sizes.

Size	Weight each
6"	1/2 lb.
8"	1 1/2 lbs.
10"	2 lbs.
12"	2 1/2 lbs.

Packed one each

An excellent small nipper. Made of drop forged steel, solid jaws. Black finished handle, polished jaws. Made in size 6" only. Weight each, 7 ounces.

Packed 1/2 dozen

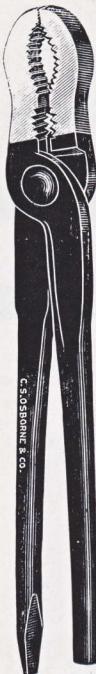
CUTTING NIPPER**No. 94**

OSBORNE



PLIERS

GAS PLIER



No. 325

Drop forged of tool steel. Polished head and black handle. Screw driver on end of handle. For use by plumbers, gas fitters and similar trades. Length, 8, 10 and 12 inches. Weight, per dozen $8\frac{1}{2}$, 11, 18 lbs.

BURNER PLIER



No. 326

Drop forged of tool steel. Knurled handles. Polished. Very strong and well made. Size, 6 inches. Weight, per dozen, $4\frac{3}{4}$ lbs.

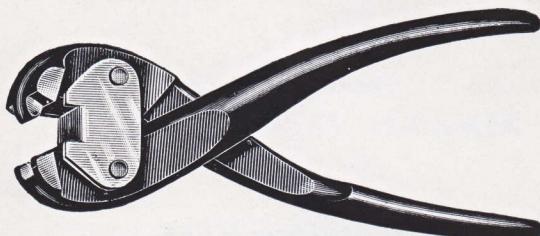
BURNER PLIER



No. 327

These pliers are similar in construction to the No. 326 plier. Our gas and burner pliers are very popular and are specified by plumbers and gas fitters throughout the country. Length 7 inches. Weight per dozen, $6\frac{3}{4}$ lbs.

SPRING CLIP PLIER

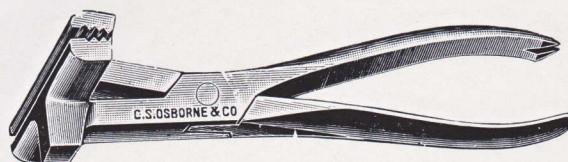


No. 445

An upholsterers plier for setting spring clips. A real time saver. Length, 7 inches. Weight each, 1 lb. 4 ounces.

Packed $\frac{1}{2}$ dozen

WEBBING PLIER



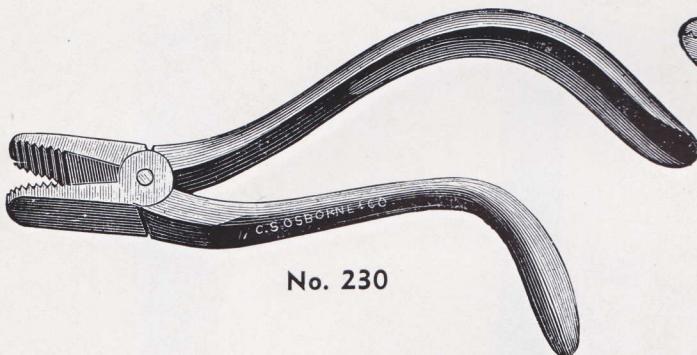
No. 250

Plier is made with hammer jaw; the hammer acts as a lever if a strong pull is required. This is an excellent tool for stretching fabric and canvas. It can also be used as a hammer. Full polished. Length, $8\frac{3}{4}$ inches; width of jaw, $3\frac{1}{2}$ inches; weight, 1 lb. 2 ozs. each.

No. 250-S. Drop forged steel webbing pliers made for heavy duty and guaranteed. Milled jaws. Otherwise same as No. 250.

No. 251 Plier is made without hammer jaw, otherwise same as the No. 250. Weight 1 lb. each.

Packed $\frac{1}{2}$ dozen

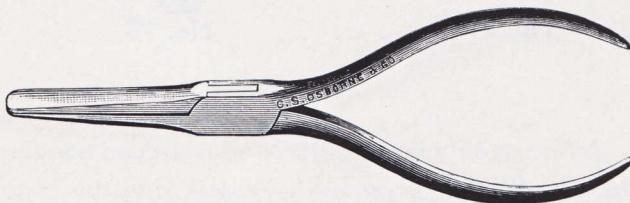
OSBORNE**PLIERS****TANNERS' PINCERS****No. 230**

Heavy Pincer used by Tanners for stretching hides over frames. Cross cut teeth prevents material from slipping. Polished Jaws. Black japanned handles. Length, 10 inches. Width of Jaw, $\frac{7}{8}$ inches.

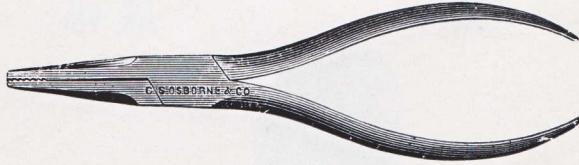
TACKING PINCERS**No. 234**

Designed especially to stretch hides. It combines a stretching plier, a hammer and if a strong pull is required the hammer acts as a lever. Forged steel. Box Joint. Polished complete. Milled teeth. Made in two weights as follows:

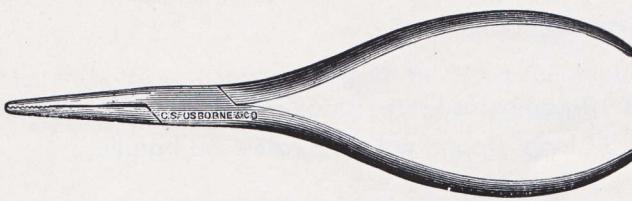
	Length	Wgt., ea.	Width of Jaw
Light	8 inches	14 oz.	$\frac{5}{8}$ inches
Heavy	8 inches	18 oz.	$\frac{5}{8}$ inches

DUCK BILL PLIERS**No. 103**

Duck Billed Pliers, steel forged, single joint, full polished. Length over all 6 inches; length of jaws $1\frac{1}{8}$ inches; width of jaws $\frac{5}{16}$ inch.

FLAT NOSED PLIERS**No. 98**

Saddlers' Steel Pliers. Flat nose, drop forged from a good quality tool steel. Polished complete. Jaws are scored inside. Carefully designed to fit the hand. Made in sizes 6 and 7 inches.

LACING PLIERS**No. 103 1/2**

Lacing Pliers, forged steel, $5\frac{3}{4}$ inch. Single joint, full polished.

LASTING PINCERS**No. 233**

Lasting Pincer, Timmins pattern, box joint, full polished. Weight 11 ounces. Length 8 inches. Width of jaw $\frac{3}{8}$ inch.

OSBORNE



KNIVES

TEXTILE AND LEATHER KNIVES



No. 76



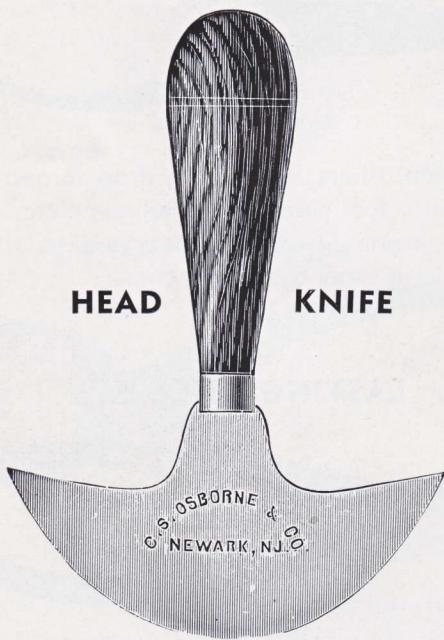
No. 76 1/2



No. 77



No. 78



No. 71

For leather work. Blade 4 1/2 inches from point to point. 2 3/8" from center of cutting edge to brass ferrule. Round or oval rosewood handle.

Packed 1/2 dozen

No. 76. A fine quality knife with round rosewood handle, brass ferrule. Blade $3/4'' \times 3\frac{3}{4}''$. Widely used by auto trimmers and leatherworkers.

No. 76 1/2. Shoe, trimmers' and upholsterers' knife. The white handle is somewhat shorter and heavier than in the No. 76. The blade measures $5/8'' \times 3\frac{7}{8}''$.

No. 77. Blade similar to No. 76, $3/4'' \times 3\frac{3}{4}''$. Flat beveled rosewood handle.

No. 78. Broad point knife. Blade measures $1\frac{1}{8}''$ at point and is 5" long. Round polished rosewood handle.

All above packed one dozen

OSBORNE



KNIVES

TEXTILE AND LEATHER KNIVES



No. 79



No. 79 1/2



No. 80



No. 479

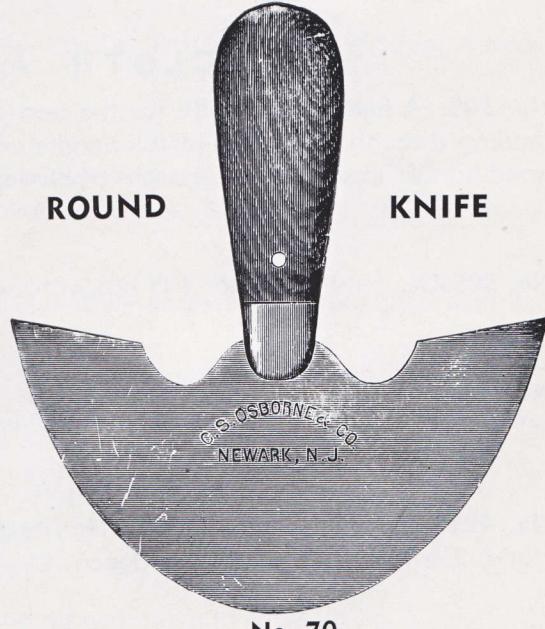
No. 79. Best quality sharp point knife. Carbon steel blade. Round rosewood handle. Blade $5/8'' \times 3\frac{3}{8}''$.

No. 79 1/2. White handle, sharp point knife. Blade same as No. 79. A popular knife in the shoe and leather industries.

No. 80. Sharp point knife with flat beveled rosewood handle. Blade $5/8'' \times 3\frac{3}{4}''$.

No. 479. Bevel point sciving knife. Used for sciving and edge trimming on leather and similar materials.

All above packed one dozen



No. 70

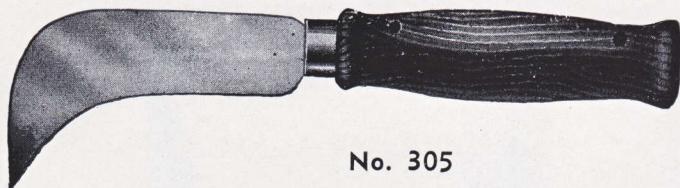
Forged steel blade. Oval rosewood handle. Made in two sizes, 5 inch and 6 inch. Measured across blade. A useful and popular knife for leatherworkers.

Packed $1/2$ dozen

OSBORNE



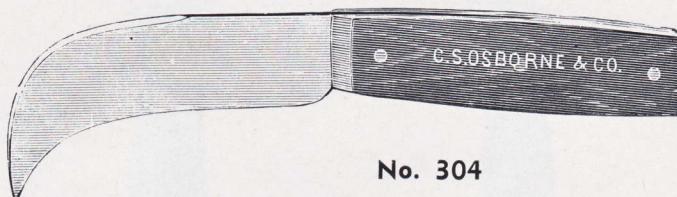
KNIVES



No. 305



No. 305XX



No. 304



No. 425



No. 425 1/2

OILCLOTH AND LINOLEUM KNIVES

No. 305. A heavy duty knife for the particular workman. The blade is hand forged steel with the tang extending through the length of the handle and riveted at the end to prevent loosening. Round, polished, rose-wood handle. Brass ferrule. Length of blade, 4 inches. Weight per dozen, 3 1/4 lbs.

Packed 1/2 dozen

No. 305XX. Similar to No. 305 but with extra heavy forged blade.

Packed 1/2 dozen

No. 304. Hand forged blade with flat, riveted, rosewood handle. Length of blade, 3 3/4 inches. Weight per dozen, 3 1/2 lbs.

Packed 1/2 dozen

No. 425. Short blade with rubber finished handle. The blade is riveted through the handle. Length of blade, 2 1/2 inches. Weight per dozen, 2 1/4 lbs.

Packed one dozen

No. 425 1/2. Long blade with black, rubber finished handle. Riveted through handle and tang. Length of blade, 3 1/2 inches. Weight per dozen, 2 1/2 lbs.

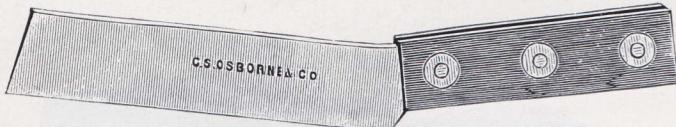
Packed one dozen

OSBORNE



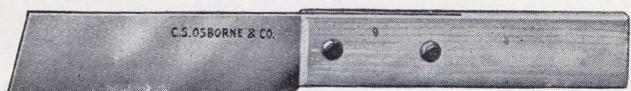
KNIVES

CHIPPING KNIFE



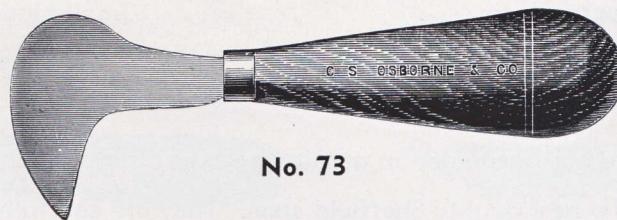
No. 321

MILL KNIFE



No. 322

HEAD KNIFE



No. 73

CLAM KNIFE



No. 341

OYSTER KNIFE



No. 340

No. 321. Plumbers' chipping knives. Made with forged steel blade. Leather handle riveted to tang. A heavy knife, made to stand hard use. Made in sizes 4½, 5 and 6 inch.

Packed ½ dozen

No. 322. Mill knife. A popular mill and factory knife for many industrial purposes. Heavy square pointed blade with flat, beveled, hardwood handle. Length 4 inches. Width of blade, 1¼ inches.

Packed ½ dozen

No. 73. This head knife is widely used by art glass workers and leather workers. It is furnished with oval or round rosewood handle as specified.

Packed one dozen

No. 340. Oyster knife. Hand forged from the best quality round edge spring steel. The blade is full polished with black handle.

Size 1. Handle is 5/16 x ¾ inch, length 9 inches.

Size 2. Handle is 3/8 x 7/8 inch, length 9 inches.

Packed one dozen

No. 341. Clam knife. This knife is made with a round handle and pinned blade in three sizes.

Size 1. 2½ inch blade.

Size 2. 3 inch blade.

Size 3. 3½ inch blade.

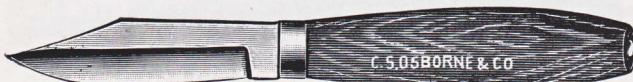
Packed one dozen

OSBORNE



KNIVES

SLOYD KNIVES



No. 6

Large blade, $2\frac{3}{4}$ inches long

Packed one dozen

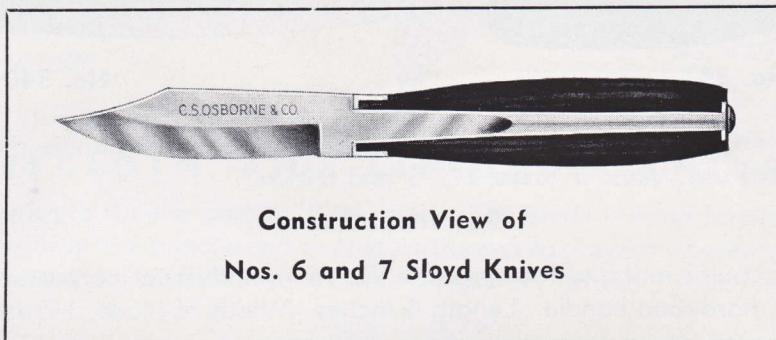


No. 7

Small blade, $2\frac{1}{2}$ inches long

Packed one dozen

The Sloyd Knives shown above are unequaled in quality by any other Sloyd Knives on the market. The blades are drop forged from the best quality Sheffield steel. They are carefully hand ground, tempered and highly polished. The oval handles are made of polished rosewood.



Construction View of

Nos. 6 and 7 Sloyd Knives

A unique feature in the construction of the Osborne Sloyd Knives is shown in the illustration above. Part of the handle has been cut away to show how the tang is drawn out to extend through the entire length of the handle. This extended tang is riveted at the end of the handle, thus making it impossible for the blade to come loose.

Discriminating dealers and school boards everywhere insist on Osborne Sloyd Knives.

We Make Special Tools to Order — No Quantities Are Too Large or Too Small. For Some Typical Examples, See Pages 50 and 51

OSBORNE



KNIVES

MANUAL TRAINING KNIVES

Used throughout the country in Private and Public Schools
Forged Blades—Sheffield Steel—Polished Handles and Blades



Sloyd Knife, **No. 2**—Blade, $2\frac{3}{8}$ in. Maple Handles.



Carvers' Knife, **No. 1**—Blade, $2\frac{1}{2}$ in. Maple Handles.



Sloyd Knife, **No. 3**—Blade, $2\frac{1}{2}$ in. Maple Handles.



Carvers' Knife, **No. 2**—Blade, 2 in. Maple Handles.



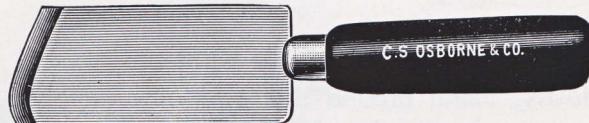
Carvers' Knife, **No. 3**—Blade, $2\frac{1}{4}$ in. Maple Handles.

SKIVING KNIVES



No. 469

Skiving Knife, Extra Quality. Our special design for skiving.



No. 480

Skiving Knife. French Pattern, Blade $1\frac{1}{2}'' \times 4''$, $\frac{7}{64}$ thick.

INCISING KNIFE



No. 487

Made specially for incising and carving work. The blade is so beveled that it will cut to the exact depth without danger of going to deep.

All above packed one dozen

OSBORNE



KNIVES

Carefully ground and tempered blades for cutting leather and similar materials. 4 $\frac{3}{4}$ inches long. 20 gauge steel. Made in three widths.

Size 0. 18/64 inch.

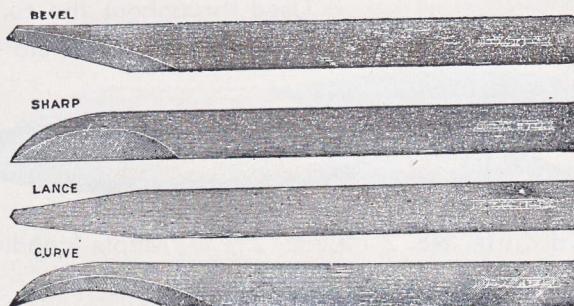
Size 1. 21/64 inch.

Size 2. 24/64 inch.

Be sure to specify size and style.

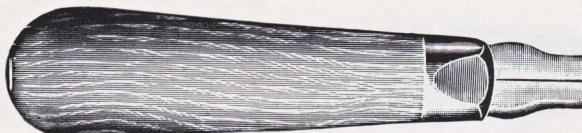
Packed one dozen

EXTENSION BLADES



No. 259

BLADE HANDLES



No. 460

For use with replaceable extension blades shown above.

Size A for No. 0 blades.

Size B for Nos. 1 and 2 blades.

Packed one dozen

Used in large quantities in the garment industry. Hand ground and carefully tempered. Blades 9" x 5/8".

Packed one dozen

SHIRT BLADE



No. 258

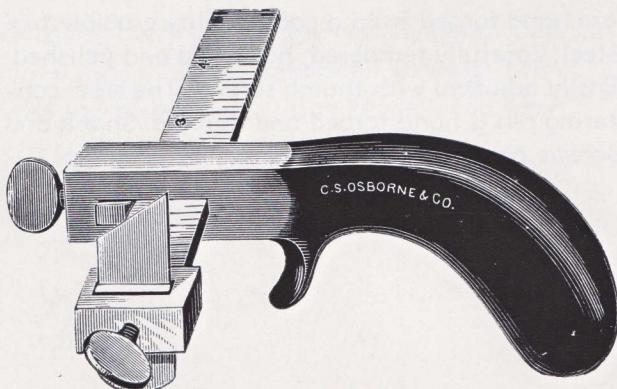
BLADE HANDLES



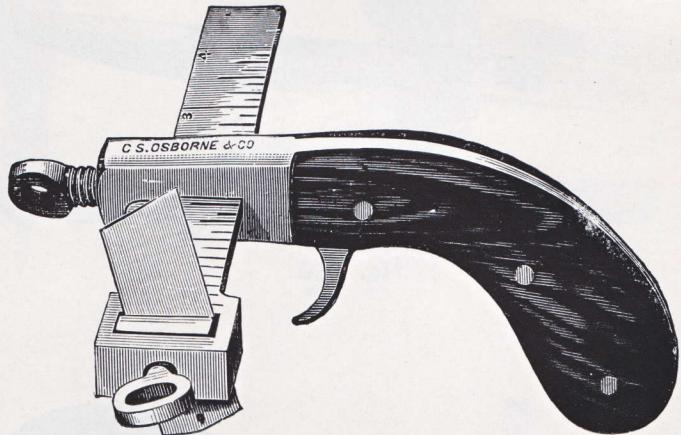
No. 257

For use with shirt knife shown above. Set screws at both ends of handle hold replaceable blade firmly in place. Blade can be pushed through handle and lengthened as it is worn and ground down.

Packed one dozen

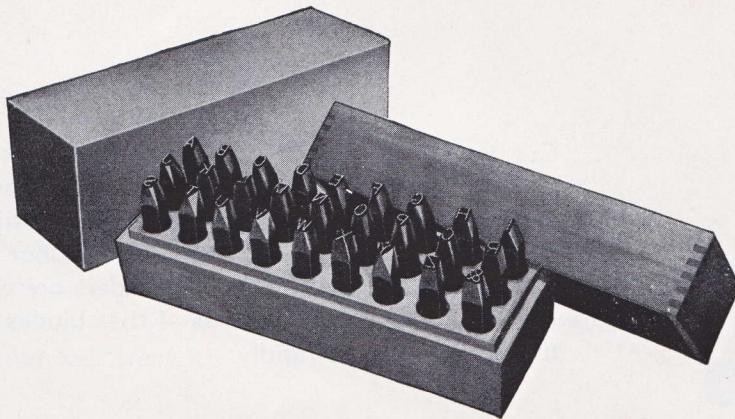
OSBORNE**TOOLS****HOLLOW HANDLE DRAW GAUGE****No. 51½**

Most popular style draw gauge. Used for cutting leather strips. All metal. Hollow handle. Polished head, slide and blade. Japanned handle.

Packed $\frac{1}{2}$ dozen**ROSEWOOD HANDLE DRAW GAUGE****No. 52½**

An extra quality draw gauge for the particular workman. Metal frame. Rosewood handle. Polished complete.

Packed one each

STEEL LETTERS AND FIGURES

For stamping metal or other substance, made in the following sixes:

Sets of Figures

Size (inch)	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
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Sets of Letters

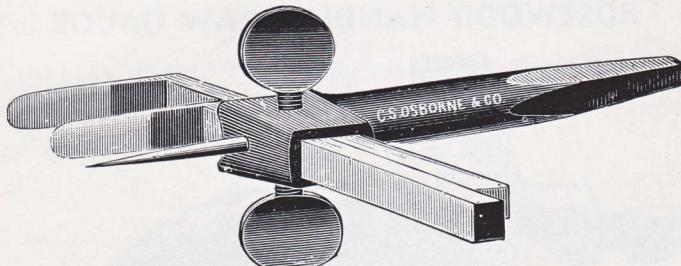
Size (inch)	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
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Osborne hand cut letters and figures are designed to give clear, legible impressions and are built for long service. Special stamps of names, trade names, addresses, serial numbers, etc., are made to order in any desired size.

OSBORNE



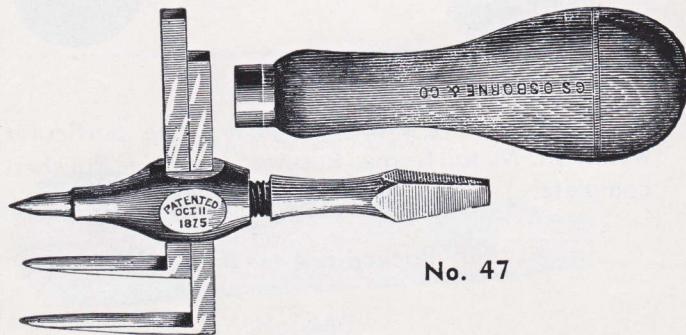
WASHER CUTTERS



No. 350

This is probably the most popular Washer Cutter made. It cuts washers up to 6½ inches. Blades are hand forged from a good quality crucible tool steel, carefully tempered, hardened and polished. Easily adjusted with thumb screws. The steel centering pin is hand forged and durable. Shank and screws are japanned.

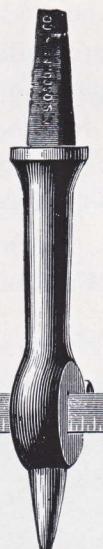
Packed ½ dozen



No. 47

"Kirkland's Patent" Washer Cutter cuts washers up to 5 inches. Can be used either by hand or with a brace. Very easily adjusted by loosening and tightening the threaded shank. Blades are forged from a fine quality crucible tool steel, polished complete. Rosewood handle.

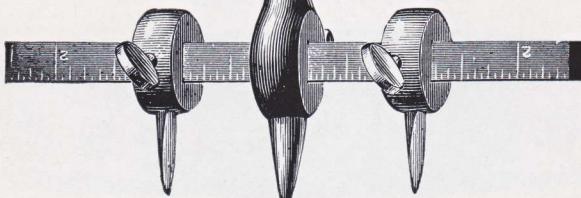
Packed ½ dozen



No. 45

Cut washers up to 5 inches. Larger sizes are made to order. Blades, when worn out, can be replaced at slight cost instead of purchasing a new Washer Cutter. The shank, crossbar and blades are polished. The brass holders are easily adjusted with wing screws — the blades are threaded and held rigidly.

Packed ½ dozen



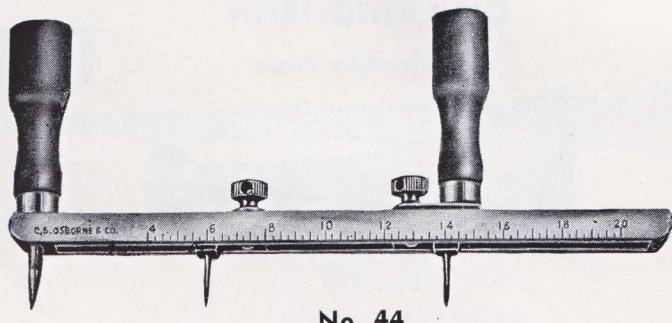
OSBORNE



WASHER CUTTERS

For use in cutting large washers by hand. Cuts from 4 inch to 20 inch diameter gaskets. Tempered tool steel blades. Can be replaced when worn out.

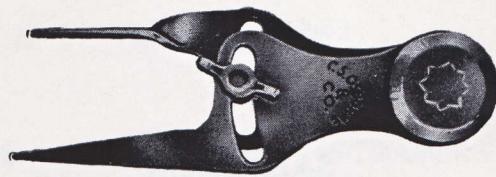
Packed $\frac{1}{2}$ dozen



No. 44

A pocket sized washer cutter for cutting small washers up to $3\frac{3}{4}$ inches. Easily operated and handy to carry in one's pocket. One wing acts as a centering pin and the other as a cutter, very much like a compass. Completely nickel plated.

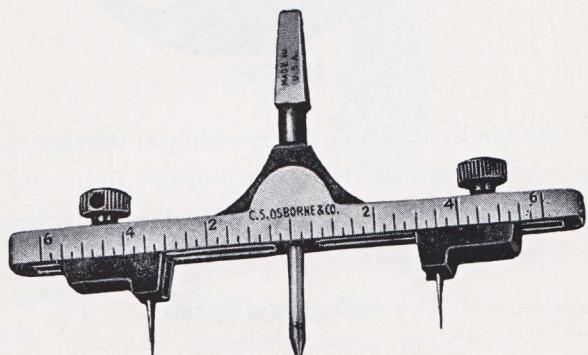
Packed $\frac{1}{2}$ dozen



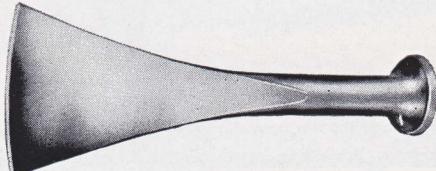
No. 422

For use with a brace. Will cut washers from $\frac{7}{8}$ inch to 6 inches. Can be used on leather, rubber and similar materials. Body of malleable iron. Blades of carefully tempered tool steel.

Packed $\frac{1}{2}$ dozen



No. 48

OSBORNE**MARINE TOOLS****CAULKING IRON**
(**Malleable Iron**)**No. 273**

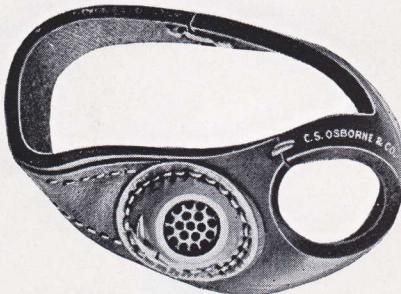
Size No.	Length	Width	Thickness	Doz. Weight
00	5"	2"	1/32"	4 lbs.
0	5 5/8"	2 1/2"	1/16"	4 1/2 lbs.
1	5 7/8"	2 1/4"	1/8"	5 3/4 lbs.

Packed one dozen

CAULKING IRON
(**Forged Steel**)**No. 274**

Size No.	Length	Width	Thickness	Doz. Weight
00	5"	2"	1/32"	4 lbs.
0	5 5/8"	2 1/2"	1/16"	4 1/2 lbs.
1	5 7/8"	2 1/4"	1/8"	5 3/4 lbs.

Packed one dozen

SAIL PALM**No. 265**

A fine quality rawhide palm with iron thimble, brass bound. Riveted joints. Made in both right and left hand. Right hand will be furnished unless otherwise specified.

Packed one dozen

SEWING PALM**No. 266**

A hide bound, iron thimble, palm. Riveted joints. Furnished either in right or left hand. Right hand will be furnished unless otherwise specified.

Packed one dozen

Sail Needles and Other Needles Handled by the Hardware Jobber Are Shown in the Back of This Catalog.

OSBORNE



MARINE TOOLS

MARLIN SPIKE, MANILA ROPE



No. 275

Length, Inches	Weight Per Dozen
6	5 $\frac{3}{4}$ lbs.
8	7 $\frac{1}{4}$ lbs.
10	12 lbs.
12	21 lbs.
14	28 lbs.
16	36 $\frac{1}{2}$ lbs.

Packed $\frac{1}{2}$ dozen

Made of high grade carbon steel, carefully hardened and tempered.

MARLIN SPIKE, WIRE ROPE



No. 276

Length, Inches	Weight Per Dozen
8	5 lbs.
10	14 lbs.
12	19 lbs.
14	27 lbs.
16	34 lbs.
18	36 lbs.
20	39 lbs.

Packed $\frac{1}{2}$ dozen

BOAT SCRAPERS



No. 270

With triangular blade. Over all length, 5 inches. Blade, 2 inches. Weight per dozen, 3 $\frac{1}{4}$ lbs.

Packed one dozen

YACHT SCRAPERS



No. 272

With triangular blade. Length over all, 9 $\frac{1}{2}$ inches. Blade, 2 $\frac{3}{4}$ inches. Weight per dozen, 6 $\frac{3}{4}$ lbs.

Packed one dozen

BOAT SCRAPERS



No. 271

With oval blade. Otherwise similar to No. 270. All these scrapers have tempered tool steel blades.

Packed one dozen

The scrapers illustrated above all have easily replaceable blades. Extra blades can be purchased to replace worn ones, an advantage over the usual fixed blade type scraper.

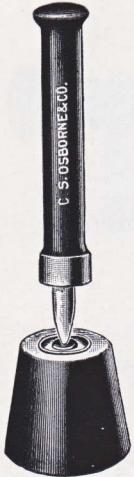
OSBORNE



GROMMET DIES

GROMMET INSERTING DIE

Drop Forged Steel



No. 216

Sets Sheet Brass Washer or
Teeth Grommets

"BABY" GROMMET DIE

For Setting Sheet Brass, Washer
and Teeth Grommets



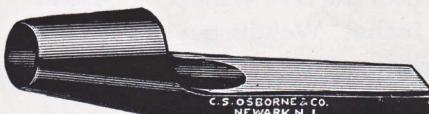
No. 235

This die is intended for those who have only a few grommets to insert, and is not for commercial use. It is not guaranteed.

Made in sizes 0, 1, 2 and 3 only.

Drop Forged Steel Cutting Punch used in connection with Setting Dies to cut the correct size hole in which to insert the grommet. This Cutter is made in Sizes 00-A to 8-A.

GROMMET HOLE CUTTER



No. 500

SHEET BRASS GROMMETS and WASHERS



No. G-1

Size	Diameter of Hole When Inserted
00	$\frac{3}{16}$ inch
0	$\frac{1}{4}$ inch
1	$\frac{9}{32}$ inch
2	$\frac{3}{8}$ inch
3	$\frac{7}{16}$ inch
4	$\frac{1}{2}$ inch
5	$\frac{5}{8}$ inch
6	$1\frac{3}{16}$ inch

Packed one gross

Osborne grommet inserting dies and grommet hole cutters are numbered to correspond with standard size grommets. The dies are guaranteed to set the proper size and style grommets, provided they are properly used.

OSBORNE**GROMMET DIES****ROLLED RIM SPUR GROMMETS****No. G-2**

Size	Diameter of Hole When Inserted
0.....	$\frac{1}{4}$ inch
1.....	$\frac{5}{16}$ inch
2.....	$\frac{3}{8}$ inch
3.....	$\frac{7}{16}$ inch
4.....	$\frac{9}{16}$ inch
5.....	$\frac{5}{8}$ inch
6.....	$\frac{3}{4}$ inch
7.....	$\frac{15}{16}$ inch
8.....	$1\frac{1}{16}$ inch

Packed one gross

Grommet Dies and Cutters should be used with a rawhide or wooden mallet. Not with a hammer. We recommend our No. 165 $\frac{1}{2}$ mallet for this purpose. An instruction sheet is included in the box with each die.

**GROMMET INSERTING DIE
DROP FORGED STEEL**

Size	Weight Each
0.....	1 lb. 6 oz.
1.....	1 lb. 7 oz.
2.....	1 lb. 7 oz.
3.....	1 lb. 9 oz.
4.....	2 lb. 8 oz.
5.....	2 lb. 10 oz.
6.....	3 lb. 15 oz.
7.....	4 lb. 6 oz.
8.....	5 lb. 8 oz.

**Sets Spur or Conical
Points Grommets****No. 216 $\frac{1}{2}$** **OBLONG SETTING DIE****No. 232** for inserting

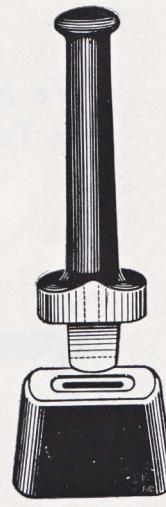
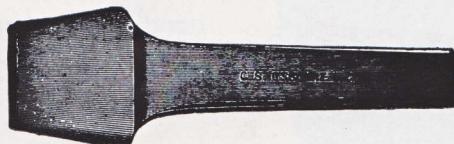
Small Sheet Brass Oblong Grommets

Size 1 Sets

Oblong Grommets

 $\frac{11}{16} \times \frac{3}{16}$ inch**Size 2 Sets**

Oblong Grommets

 $\frac{7}{8} \times \frac{1}{4}$ inch**No. 232****OBLONG CUTTING PUNCH****No. 400**This Cutter is made in sizes No. 1, $1\frac{11}{16}$ " and No. 2, $\frac{1}{8}$ ".

Drop Forged Steel Cutting Punch used in connection with Oblong Dies to cut the correct size hole in which to insert Oblong Grommets.

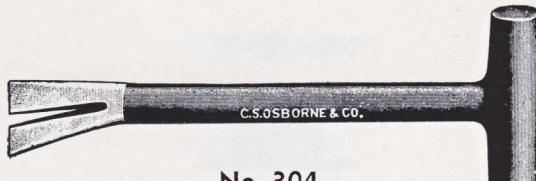
OSBORNE**TOOLS****BOX CHISEL**

C.S. OSBORNE & CO.

No. 347

Forged steel box chisel. Round black shank, polished blade. A necessary tool wherever wooden cases have to be opened.

Length	Diameter	Weight Each
8"	5/8"	10 ounces
10"	5/8"	13 ounces
12"	3/4"	23 ounces
14"	3/4"	29 ounces

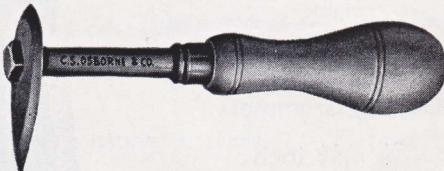
Packed $\frac{1}{2}$ dozen**CRATE OPENER****No. 304**

A useful tool for shippers and packers. Handle end is also a hammer. One knurled face, one smooth face. Polished blade. Length, $6\frac{3}{4}$ inches. Weight each, 8 ounces.

Because of its small size, this crate opener may readily be carried in one's pocket. Generally accepted as the finest quality crate opener on the market.

Packed one dozen

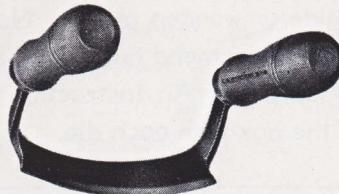
We Make Special Tools to Order — No Quantities Are Too Large or Too Small. For Some Typical Examples, See Pages 50 and 51

SHAVE HOOK**No. 318**

Plumbers' Shave Hooks or Scrapers are made with fine quality tool steel blades. Shank runs through handle and is riveted at end to prevent loosening.

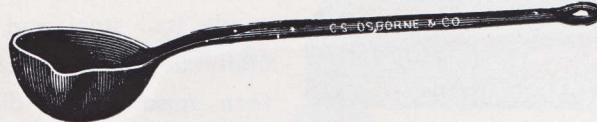
Style A — Oval Blade
Style B — Triangular Blade
Style C — Half Oval Blade
Weight per dozen, $2\frac{1}{4}$ lbs.

Packed one dozen

BOX SCRAPER**No. 269**

An ideal shipping room tool. Made with two sturdy handles to withstand hard scraping. Sharp tool steel blade. Blade length, 4 inches. Weight per dozen, $7\frac{1}{2}$ lbs.

Packed one dozen

OSBORNE**TOOLS****MELTING LADLES****No. 317**

Osborne Lead Melting Ladles are made with drop forged steel bowls. Steel handles are welded to the bowls. All handles have looped ends for hanging. Double lipped bowls. Heavy quality for long use. Exceptionally fine workmanship goes into all ladles. Made in the following sizes.

Inches Diam of Bowl	Inches Depth of Bowl	Gauge Thickness of Material	HANDLE		CAPACITY		Weight Per Each
			Length Inches	Size Inches	Liquid	Lead	
2½	1¾	10	10	¾ x ½	½ Gill	1 lbs.	8½ oz.
3	1¾	10	11	¾ x ½	⅔ "	1¾ "	10½ "
3½	1⅝	10	12	¾ x ¾	1 "	3 "	15 "
4	1¾	10	13	¾ x ¾	1¾ "	4¼ "	1 lbs.
5	2¼	9	18½	¼ x ¾	3¼ "	10 "	2¼ "
6	2½	8	20	¼ x ¾	1¼ Pint	14½ "	3 "
7	2¾	7	24	¾ x ¾	1½ "	19 "	5¼ "
8	3¼	6	26	¾ x 1	2½ "	32 "	7 "
9	3½	6	32	¾ x 1¼	3½ "	57 "	12 "
10	4¼	5	36	¾ x 1½	5 "	80 "	14 "

SOLDER POT

Outside Diam. Inches	Depth Inches	Weight Each Lbs.	Aprox. Lead Capacity Lbs.
5	3¾	4¾	15½
6	3¾	6¾	25½
8	4¾	10	44
9	5	12	80
10½	5¾	18½	118
12	6½	27	182
13½	6½	36	228

**No. 412**

A useful and
popular
Solder Pot.

Made of cast iron
with handle.

OSBORNE**TOOLS****TINNERS RIVET SET****No. 376**

Size	00	0	1	2	3	4	5	6
Size of Hole.....	5/16	9/32	15/64	.2130	.1910	.1660	.1495	.1405
Size of Drill, Ga. No.	5/16	9/32	15/64	3	11	19	25	28
For Iron Rivets, lbs.....	14	10 & 12	7 & 8	6	4 & 5	2 1/2 & 3	1 3/4 & 2	1 1/2

Packed one dozen

Used for setting copper rivets. Widely used in the leather industry. Made in sizes 00 to 12 inclusive. The size numbers of these sets and headers correspond with the size numbers of the copper rivets they are intended to set.

Packed $\frac{1}{2}$ dozen**TINNERS METAL PUNCH****No. 285**

Forged tool steel punch. Polished, carefully tempered point. Black octagon handle.

Style A. $\frac{3}{8}$ " diam. $\times 4\frac{1}{2}$ " long.Style B. $\frac{1}{2}$ " diam. $\times 6$ " long.

Packed one dozen

A rugged tool for punching holes in all types of soft sheet metal and very light sheet steel.

Size	1	2	3	4
Diam. Hole Cut	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "
Size	5	6	7	8
Diam. Hole Cut	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{4}$ "

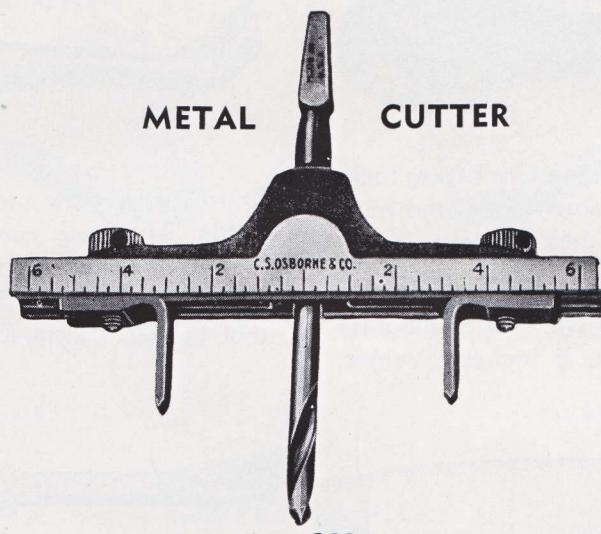
Packed $\frac{1}{2}$ dozen**PRICK PUNCH****No. 418**

OSBORNE



TOOLS

METAL CUTTER



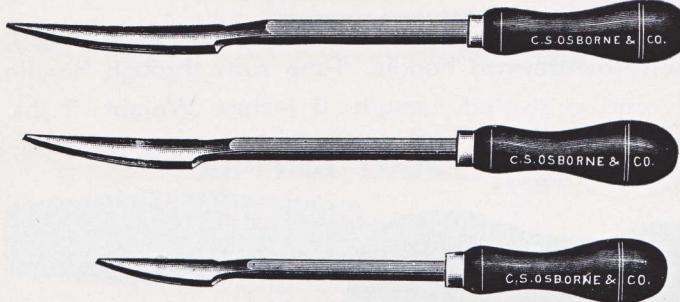
No. 283

No. 283. Cuts round holes in sheet metal, fibre wood and other materials for which standard washer cutters are not suitable. Furnished with bit stock. To cut circles from $1\frac{1}{4}$ inches to 6 inches. Blades are of forged and tempered tool steel and are replaceable.

No. 283½. Similar to No. 283 but fitted with high speed steel knives and $\frac{1}{2}$ inch diameter round shank for use in drill press. This machine cutter makes holes from $1\frac{1}{4}$ inches to 4 inches.

Packed one each

BEARING SCRAPER



No. 240

Curved Blades, Ground Concave on underside. Packed in sets of three sizes. Forged of best quality file steel, carefully hardened and tempered. Highly polished blades. Black hardwood handles.

Length 13 12½ 11½ inches

Length of Blade 4½ 3½ 2½ inches

BEARING SCRAPER



No. 242

Triangular, hollow ground blade. Forged from the best quality file steel. Carefully ground, tempered and polished. Length of blade, $3\frac{1}{4}$ inches. An excellent tool for garagemen and mechanics.

Packed one dozen

OSBORNE



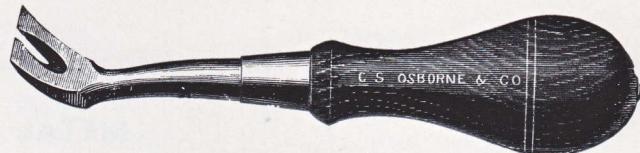
CLAW TOOLS



No. 122

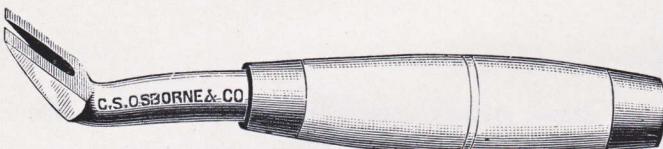
This claw tool is especially designed for lifting tacks and small nails. Drop forged steel blade and rosewood handle. Length, 6½ inches. Weight, 2 lbs. per dozen.

No. 122½. Same pattern as No. 122 but lighter weight. Black handle. Length, 6 inches. Weight, 1½ lbs. per dozen.



No. 123

Extra heavy claw tool. Drop forged polished steel blade. The tang runs through the length of the rosewood handle and is riveted to prevent loosening. The long steel ferrule makes a very durable tool. Length, 7½ inches. Weight, 2½ lbs. per dozen.



No. 123½

Boss claw tool. Drop forged blade with ½ inch diameter shank. White hickory handle with two heavy iron ferrules. Widely used by trunk manufacturers and carpet layers. Length, 8 inches. Weight, 5 lbs. per dozen.



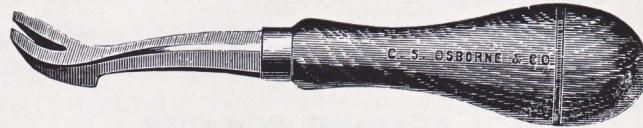
No. 200

Narrow at the point to get under heads of ornamental nails and tacks without harming fabric or wood. A popular upholsterers tool. Length, 7½ inches.



No. 124

A superior quality claw tool with octagon shank. The tang runs through the handle and is riveted. Length, 5¾ inches. Weight, 1½ lbs. per dozen



No. 124½

French pattern claw (note the heel). Drop forged, with rosewood handle. Tang runs through handle and is riveted. Length, 6 inches. Weight, 2 lbs. per dozen.



No. 352

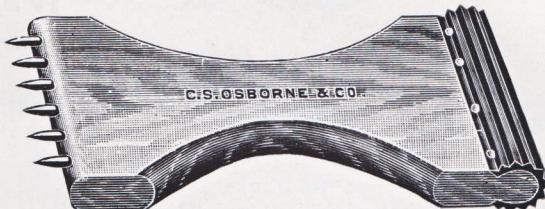
A sharp pointed claw tool with heel. Drop forged steel blade. Rosewood handle. A fine tool for many sorts of light work. Length, 6½ inches. Weight, 1¾ lbs. per dozen.

All claw tools are packed one dozen to a box

OSBORNE**TOOLS****WEBBING STRETCHER****No. 254**

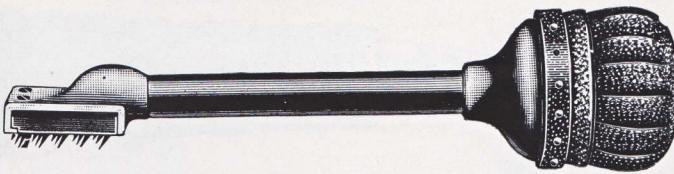
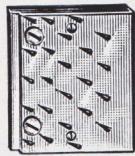
Plain maple webbing stretcher with one row of six steel teeth. Length, 7½ inches. Width, 3¾ inches. Weight each, 6½ ounces.

Packed one dozen

WEBBING STRETCHER

This webbing stretcher is of similar construction and dimensions to No. 254 but has corrugated rubber end.

Packed one dozen

CARPET KICKER**No. 12**

Length of kicker when assembled, 18 inches. Weight each, 3¼ lbs. Made in two sections for convenient packing and carrying. Aluminum holder for replaceable tooth block. Tooth block of maple with steel covering. Teeth of high grade tool steel. Knee (buffer) end is upholstered with heavy sponge rubber inside. Covered with durable leatherette. Set screws regulate the depth that the teeth penetrate the carpet.

Packed one each

RIPPING TOOL**No. 404**

Forged, highly polished steel blade with chisel edge. Shouldered tang to prevent driving into shank. White hickory handle with two heavy iron ferrules. Length, 8¾ inches. Width of edge, ½ inch.

Packed one dozen

CARPET AWL**No. 300**

An extra heavy, hand forged steel awl for carpet work. Made with square shoulder. Tang extends through entire length of handle and is riveted at end. Length of blade, 4 inches. Length over all 7½ inches. Weight, 2½ lbs. per dozen.

Packed one dozen

OSBORNE



TOOLS

TRACING WHEEL



No. 35½

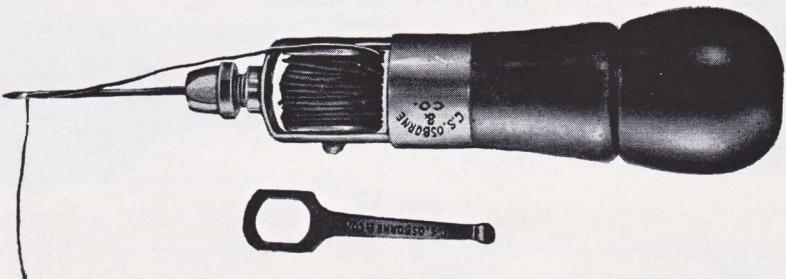
Used almost exclusively by the Dressmaking trade. The teeth are carefully cut and beveled on the sides. The wheels will not pick up material.

Style A—White Maple Handle— $\frac{3}{4}$ " Diam. Wheels—8 points to the inch.

Style C—White Maple Handle—1 inch Diam. Wheel—11 points to the inch. This is the favorite style for all dressmaking schools.

Packed one dozen

AUTOMATIC AWL



No. 413

An excellent tool for sewing leather, canvas and similar materials. The awl carries a spool of thread on the handle. Hollow handle holds extra curved needle and wrench. Directions furnished with each awl explaining how automatic lock stitch can be effected in repair work. Furnished with one straight and one curved diamond pointed needles.

Packed $\frac{1}{2}$ dozen

TRIMMERS CLIP

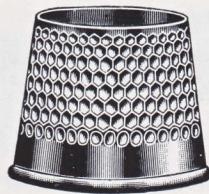


No. 191

These Clips are most useful in any Trim Shop. The spring is made heavy enough to prevent any possibility of the jaws slipping. Made in Sizes 4" and 5". Weight 4 in., $6\frac{1}{2}$ lbs.; 5 in., $7\frac{1}{2}$ lbs. per gross.

Packed one gross

OPEN END THIMBLE



No. 510

Nickle silver. Heavy upholsterers' and tailors' thimbles.

Size 1 — $1\frac{1}{16}$ " at large end

Size 2 — $\frac{3}{4}$ " at large end

OSBORNE**TOOLS****BISSONETTE EDGE TOOL****No. 127½**

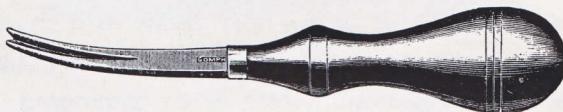
For rounding the edges of leather.

A popular tool in the leather goods and luggage industries. Made of carefully tempered spring steel.

Nos. 00 0 1 2 3 4 5 6

Width $\frac{1}{16}$ $\frac{5}{16}$ $\frac{3}{32}$ $\frac{7}{64}$ $\frac{9}{64}$ $\frac{11}{64}$ $\frac{3}{16}$ $\frac{13}{64}$ in.

Packed one dozen

BEST EDGER**No. 126**

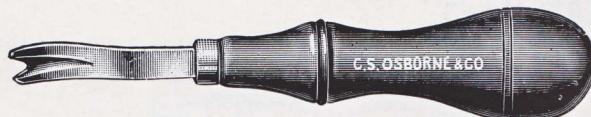
A popular edge tool widely used in the automobile trimming trade.

Made of the best quality spring steel. Rosewood handle.

Nos. 0 1 2 3 4 5 6

Width $\frac{1}{16}$ $\frac{3}{32}$ $\frac{1}{8}$ $\frac{5}{32}$ $\frac{3}{16}$ $\frac{7}{32}$ $\frac{1}{4}$ inch

Packed one dozen

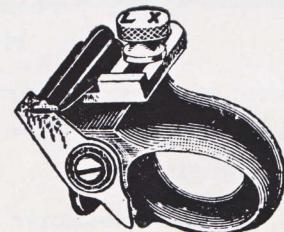
COMMON EDGE TOOL**No. 125**

The most widely used edge tool manufactured. Extremely popular in the harness and saddlery trades.

Nos. 0 1 2 3 4 5 6

Width $\frac{1}{8}$ $\frac{9}{64}$ $\frac{5}{32}$ $\frac{3}{16}$ $\frac{13}{64}$ $\frac{7}{32}$ $\frac{1}{4}$ inch

Packed one dozen

LACE CUTTER**No. 68**A useful small tool for cutting leather into uniform strips from $3/16$ to $3/4$ inches wide. Will take leather up to $1/8$ inch thick.

Packed one dozen

UTILITY COMPASS**No. 28**

A tight joint compass. Useful for marking all types of material. Full polished. 6 and 8 inch.

Packed one dozen

OSBORNE

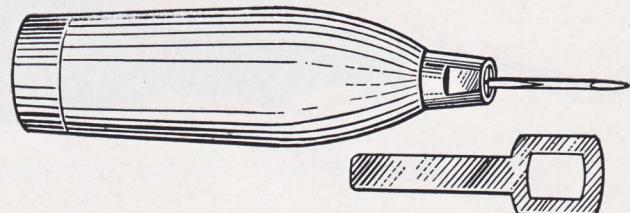


AWL HAFTS

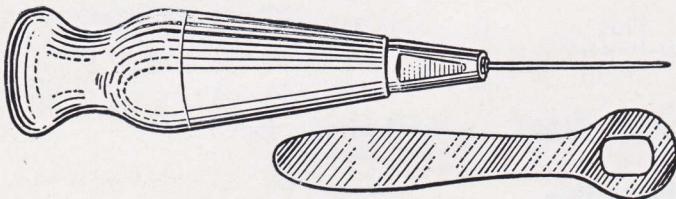
No. 143 PEG AWL HAFT

A widely used type of awl haft. Made with chuck and wrench to permit easy changing of blades. Leather tipped to prevent splintering when hammered. Made in two sizes: No. 1—small, No. 2—standard.

Packed one dozen



No. 145 SEWING HAFT



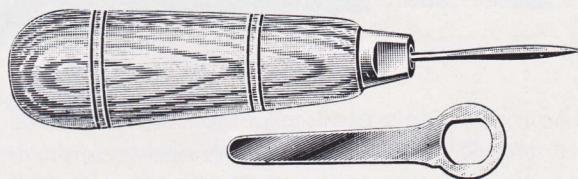
A popular sewing awl haft. Widely used by shoemakers. Knobbed end permits easy grasp and prevents slipping. Made of hard maple. Varnished. Made with chuck and wrench.

Packed one dozen

No. 146½ SADDLER'S HAFT

The Osborne patent saddlers' haft is made of hard maple with chuck and wrench. Fits comfortably into the hand. A favorite in the harness trade.

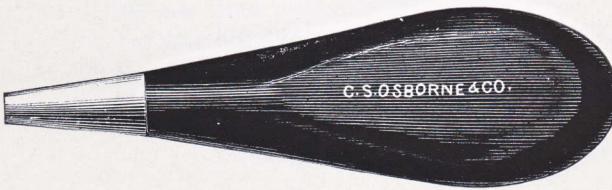
Packed one dozen



No. 140½. Flat hardwood awl haft. Black finish. Long brass tapered ferrule. Packed one gross.



No. 141. Round hardwood awl haft. Black finish. Long tapered brass ferrule. Packed one gross.



No. 141½. Oval hardwood awl haft. Black finish. Long brass tapered ferrule. Packed one gross.

OSBORNE



AWLS

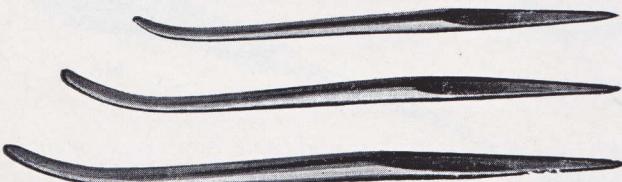
SADDLERS' HARNESS AWLS



Solid Sizes Nos. 42, 43, 44, 45, 46 (1 $\frac{1}{8}$, 1 $\frac{3}{4}$, 2, 2 $\frac{1}{4}$, 2 $\frac{1}{2}$ in.)
Solid Sizes Nos. 47, 48 (2 $\frac{1}{8}$, 2 $\frac{3}{4}$ inches)
Solid Sizes No. 49 (2 $\frac{1}{8}$ inches)
Solid Sizes No. 50 (3 inches)
Solid Sizes No. 51 (3 $\frac{1}{8}$ inches)
Solid Sizes No. 52 (3 $\frac{1}{4}$ inches)
Solid Sizes X (3 $\frac{3}{8}$ inches)
Solid Sizes XX (3 $\frac{1}{2}$ inches)
Solid Sizes XXX (3 $\frac{5}{8}$ inches)
Solid Sizes 4 inch
Assorted Sizes Nos. 43 to 48 (1 $\frac{3}{4}$ to 2 $\frac{3}{4}$)

Packed 1 gross to a wrapper

CURVED SEWING AWLS



Small, 2 $\frac{1}{2}$ "; medium, 3"; large, 3 $\frac{1}{2}$ "

Packed one gross

SMALL SCRATCH AWL

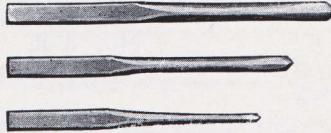


No. 478

A useful small awl for piercing leather, canvas and similar materials. For marking metal and many other purposes. Blade 2 inches.

Packed one dozen

PEGGING AWLS



Small, 1 $\frac{1}{4}$ inch

Medium, 1 $\frac{1}{2}$ inch

Large, 1 $\frac{3}{4}$ inch

Packed one gross

SCRATCH OR TENNIS STRINGERS' AWL



No. T-11

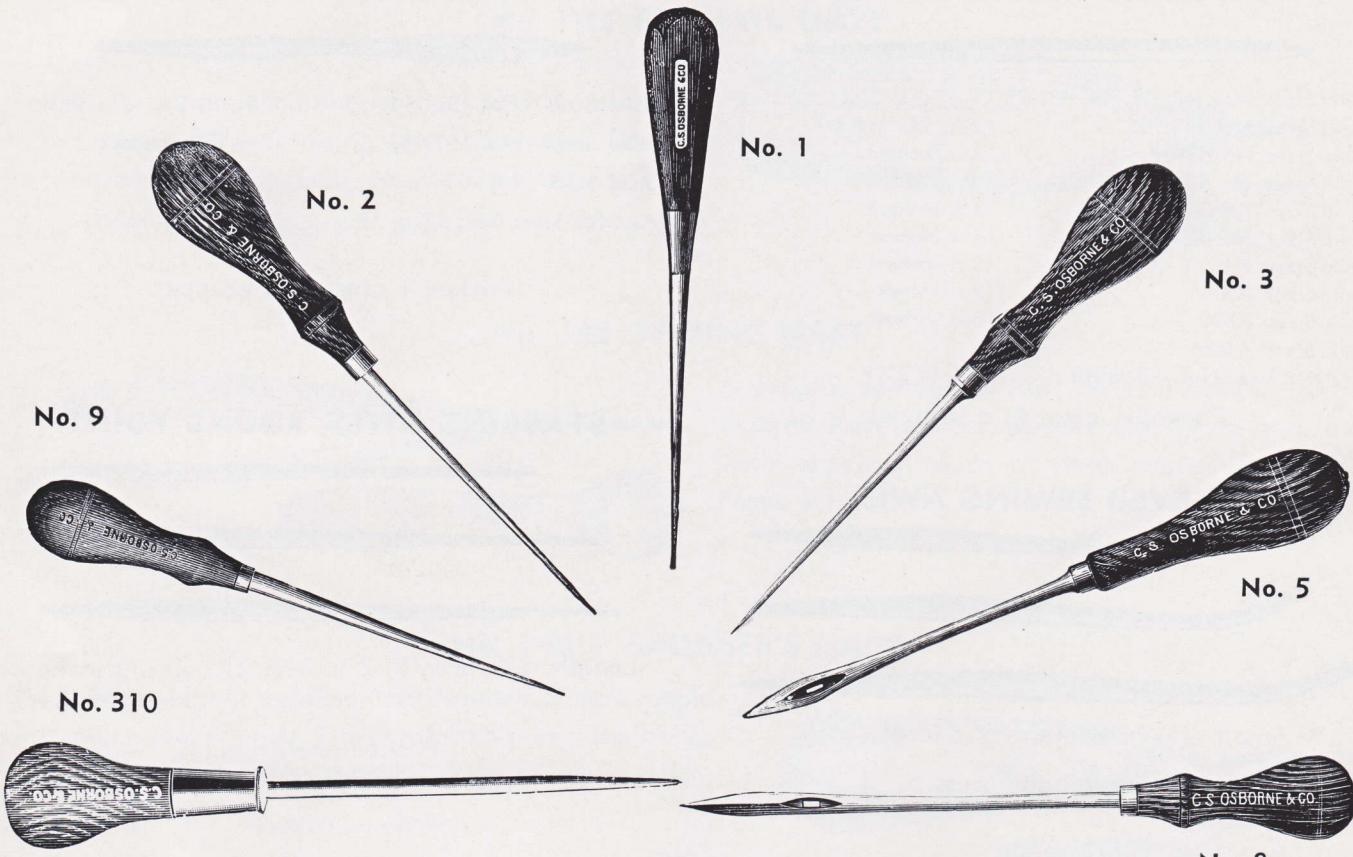
A perfectly tapered blade. Will not slip. Blade made with winged butt so it cannot turn in handle. Enamaled hardwood handle. Blade 2 $\frac{1}{2}$ inches. Handle, 3 $\frac{1}{4}$ inches.

Packed one dozen

OSBORNE



AWLS



No. 310. Awl has a hand forged steel blade $5/16$ inch diameter at the ferrule tapering to the point. The tang runs through the length of the maple handle and is riveted.

This awl is used for stair carpet and nosing.

Length of blade, $7\frac{1}{2}$ in.; length overall, 12 in.; weight, $4\frac{1}{2}$ lbs. per dozen.

No. 9. Heavy round pad awl, blade $4\frac{1}{2}$ inches, overall 8 inches, rosewood handle.

No. 2. Pad awl, blade 4 inches, overall 8 inches.

No. 1. Awl with octagon rosewood handle, blade $4\frac{1}{2}$ inches, overall $8\frac{1}{2}$ inches.

No. 3. Pad awl, shouldered, not riveted, blade 4 inches, overall 8 inches.

No. 3-R. Pad awl, shouldered, riveted, blade 4 inches, overall 8 inches.

No. 5. Drawing awl, riveted handle, blade 5 inches, overall 9 inches.

No. 5-S. Drawing awl, riveted handle, small, blade 5 inches, overall 9 inches.

No. 8. Collar awl, riveted handle.
Small $4\frac{1}{4}$ inch blade, 8 inches overall
Medium $5\frac{1}{4}$ inch blade, 9 inches overall
Large 6 inch blade, $9\frac{3}{4}$ inches overall

All above packed one dozen

OSBORNE



TOOLS

ROAST BEEF TIER



No. 353

Forged from the very best quality tool steel. Carefully tempered and highly polished blade. The blade runs through the length of the handle and is riveted to prevent loosening. Enameled hardwood handle. Blade stock diameter $\frac{1}{4}$ inch. Diamond point with eye. Made in two sizes, $9\frac{1}{2}$ inch or 1.2 inch blade.

Packed one dozen

HAM TRIER



No. 354

The Osborne ham trier has a $\frac{1}{4} \times \frac{5}{32}$ inch oval forged blade of highly polished tool steel. The tang extends through the length of the handle and is riveted to prevent loosening. Standard size made with 8 inch blade. Special sizes can be made to order.

Packed one dozen

HAM STRINGER



No. 358

Made with a forged tool steel blade from $\frac{3}{8}$ inch stock. Hand-filed point. Carefully tempered and polished. Tang extends through handle and is riveted. Width of blade at eye, $9/16$ inch. Length of blade, $8\frac{1}{2}$ inches.

Packed one dozen

We Make Special Tools to Order — No Quantities Are Too Large or Too Small — For Some Typical Examples See Pages 50 and 51.

OSBORNE**SHEARS**

The Osborne shear line has been recognized for years by the upholstery and trimming trades as a quality line. For serviceability and long wear they cannot be surpassed. Like all Osborne tools these shears are guaranteed as to material and workmanship. Their fine finish attracts the eye and stimulates dealers' sales.

BENT TRIMMERS' SHEARS**No. 164**

Forged steel. Japanned handles — nickelized blades, made as follows:

Full Length	Length of Cut	Weight, Each
8 in.	3 1/2 in.	6 oz.
8 1/2 in.	3 3/4 in.	7 oz.
9 in.	4 1/4 in.	8 oz.
10 in.	5 1/8 in.	13 oz.
11 in.	5 1/4 in.	14 oz.
12 in.	5 1/8 in.	20 oz.
13 in.	6 1/2 in.	25 oz.

LEFT HAND

10 in.	4 1/2 in.	13 oz.
12 in.	6 in.	20 oz.

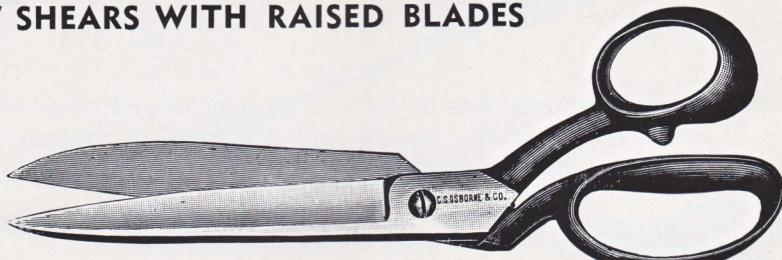
Packed 1/2 dozen

BENT TRIMMERS' SHEARS WITH RAISED BLADES

Forged steel. Japanned handles — nickelized blades. Bent Trimmers' heavy pattern raised blade shears, made as follows:

Full Length	Length of Cut	Weight, Each
10 in.	5 in.	15 oz.
11 in.	5 1/4 in.	16 oz.
12 in.	6 in.	22 oz.

Packed 1/2 dozen

**No. 192****STRAIGHT TRIMMERS' SHEARS****No. 164 1/2**

Forged steel. Japanned handles — nickelized blades. Straight trimmers' shears, made as follows:

Full Length	Length of Cut	Weight, Each
8 1/2 in.	4 1/4 in.	7 oz.
9 in.	4 1/2 in.	8 oz.
10 in.	4 3/4 in.	10 oz.
11 in.	5 1/2 in.	13 oz.
12 in.	6 in.	17 oz.

LEFT HAND

10 in.	4 3/8 in.	11 oz.
--------	-----------	--------

Packed 1/2 dozen

Forged steel. Used for cutting small wire and light sheet metals.

Number	Full Length	Length of Cut	Weight, Each
0	7 1/2 in.	2 in.	6 oz.
1	8 in.	2 1/2 in.	6 1/2 oz.

Packed 1/2 dozen

**No. 415**

OSBORNE



SHEARS

POCKET
SCISSORS



No. 439

An ideal shear for cutting leather, webbing, belting, etc. A very useful factory tool. Serrated edges keep material from slipping.

full length length of cut wgt. per doz.

6 in. 2½ in. 3⅞ lbs.

9 in. 3¾ in. 4⅞ lbs.

Packed ½ dozen

Solid forged steel. Full nickel plated. By far the best Pocket Scissors on the market.

full length length of cut wgt. per doz.

4 in. 1½ in. 1 lb.

5 in. 2¼ in. 1½ lb.

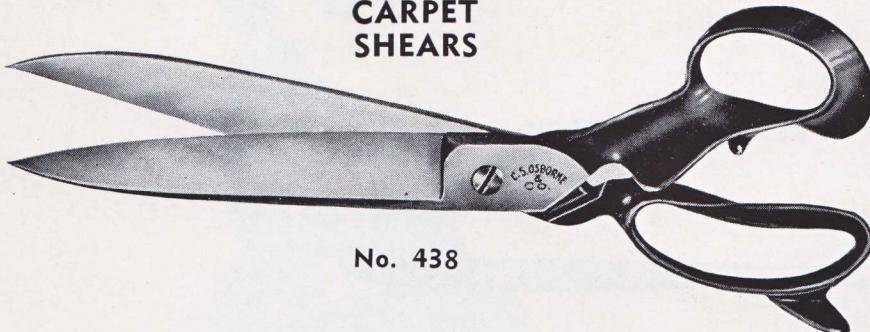
Packed ½ dozen

LEATHER
SHEARS



No. 437

CARPET
SHEARS



No. 438

A superior quality, forged steel, heavy duty shear. Japanned handle. Nickel plated blades. One size only. Full length, 12 inches. Length of cut, 6½ inches. Weight per dozen, 18 lbs.

Packed ½ dozen

ROACHING
SHEARS



No. 166

Clipping or Roaching Shears. 8 inches over all. Forged steel, japanned handle. Curved, nickel plated blades.

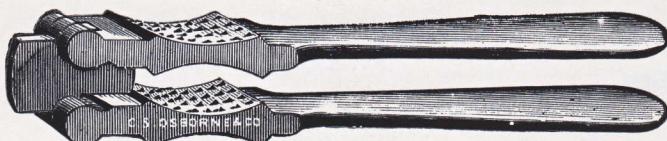
Packed ½ dozen

OSBORNE



HOUSEWARE

NUT CRACKER

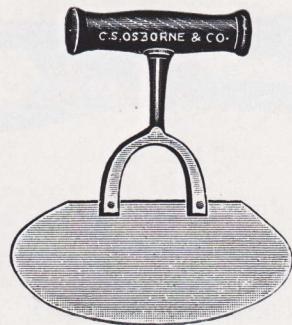


No. 343

This heavy Nut Cracker is designed for beauty as well as strength. Made with corrugated jaws, smooth and slightly oval handles, and full nickel plated. Length, 5½ inches. Weight each, 6 ounces.

Packed one dozen

MINCING KNIFE

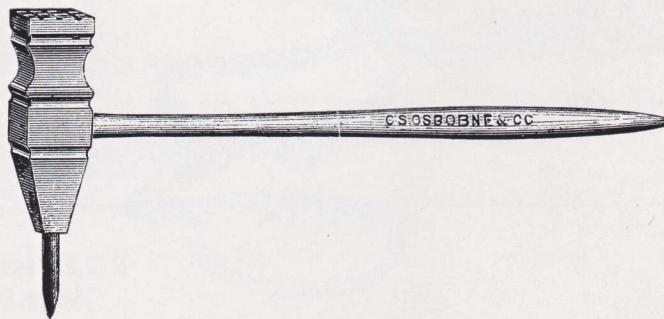


No. 219

Carefully ground stainless steel blade, polished shank. Hardwood handle. Shank is riveted through handle. Blade 6¼ inches long, 2¾ in. high. Over all height, 7 inches. Weight per dozen, 6½ lbs.

Packed one dozen

BEVERAGE ICE PICK



No. 296

Hammer Head with corrugated face. Needle Point Pick of forged steel. Completely Nickel Plated. Length, 7½ inches. Length of Head, 2½ inches. Weight, each, 4 oz.

Packed ½ dozen

OSBORNE



HOUSEWARE

MEAT JUICE AND PRESSES

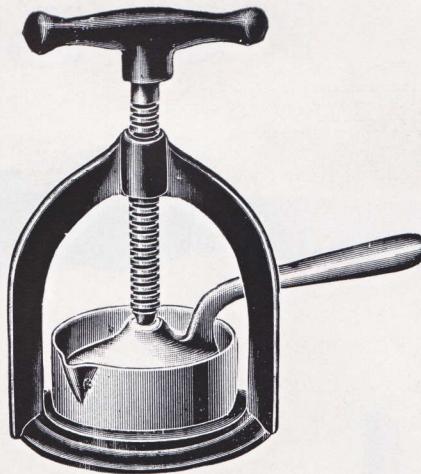
No. 1. Japanned frame, tinned cup and cover.

Size of cup, $3 \times 1\frac{1}{4}$ inches.

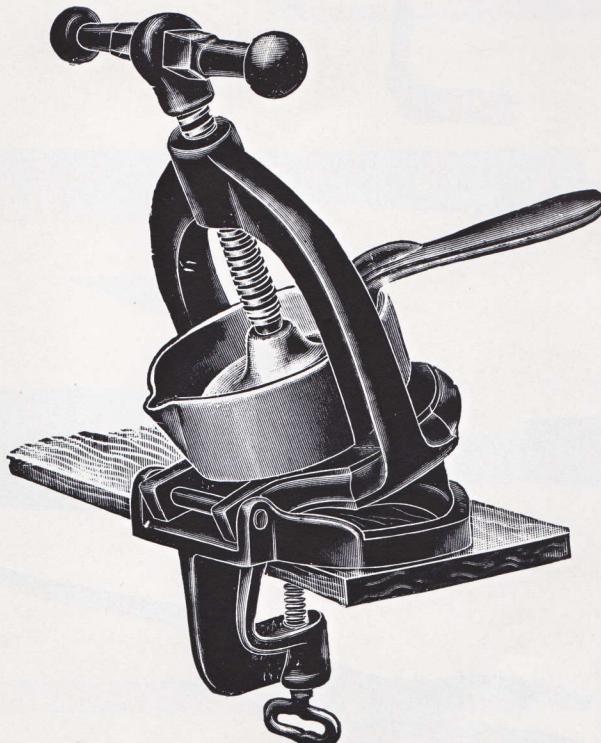
Capacity, 3 oz.

Height, over all, 7 inches.

Weight, per dozen, 42 lbs.



No. 1 and No. 2



No. 2-B

No. 2-B. This press works on the same principle as Nos. 1 and 2 and is of similar construction. But it is furnished with a clamp to attach it to bench or table. This hinged clamp permits the juice to be poured off without unfastening the press.

Size of cup, $3\frac{1}{4} \times 1\frac{1}{2}$ inches.

Capacity, 4 oz.

Height over all, 8 inches.

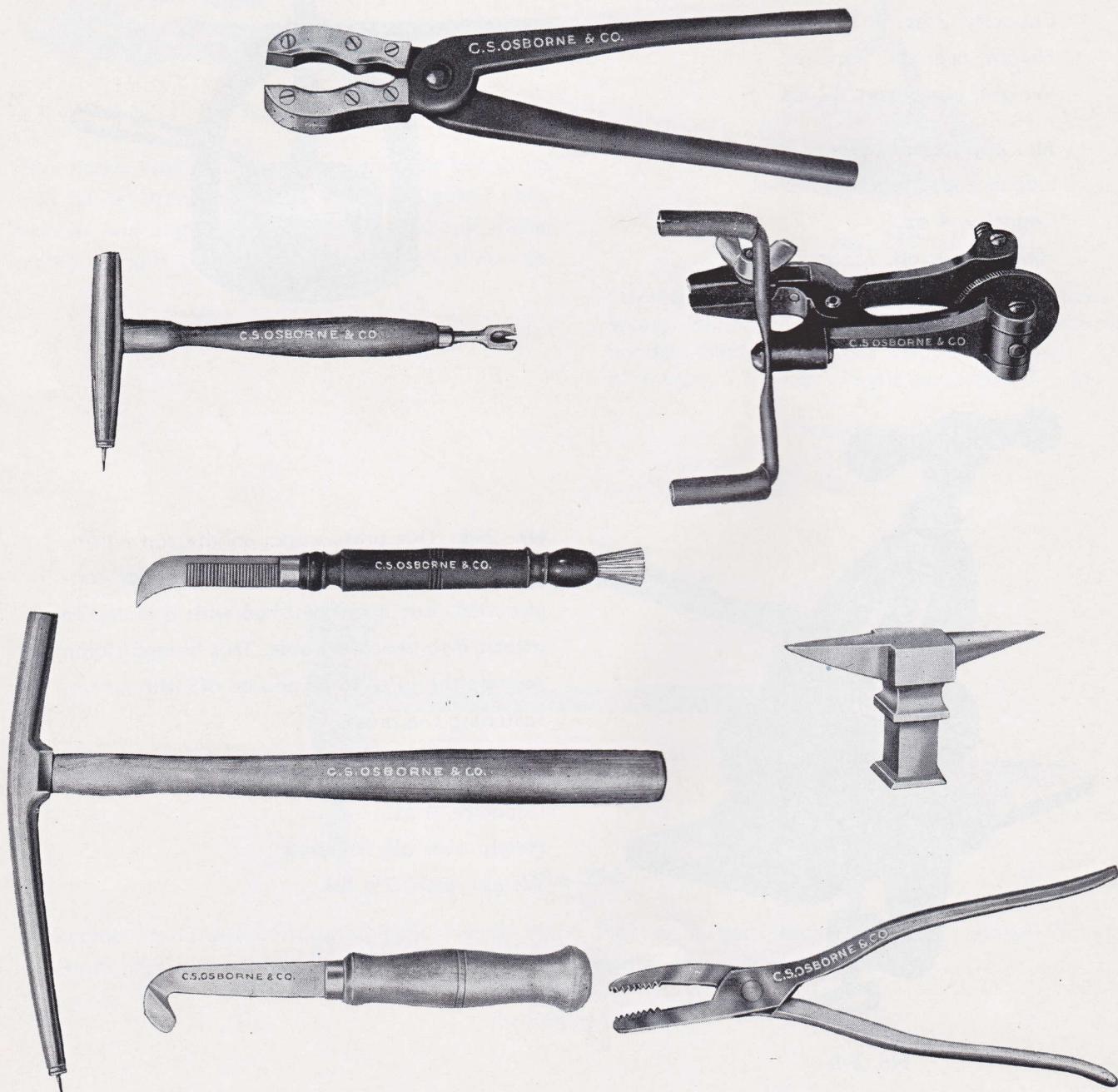
Weight each, $7\frac{1}{2}$ lbs.

OSBORNE



SPECIALS

On this and the opposite page are illustrated a few of the many special tools we make to order for individual customers. They are characterized by the fine materials and careful workmanship found in all Osborne tools.

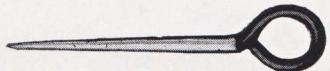
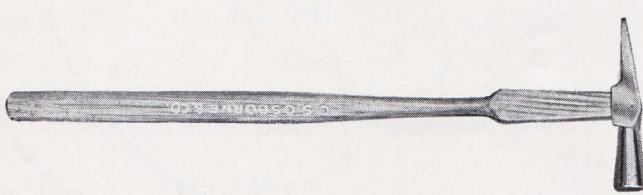
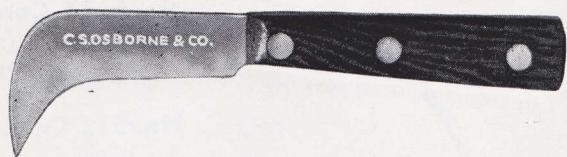
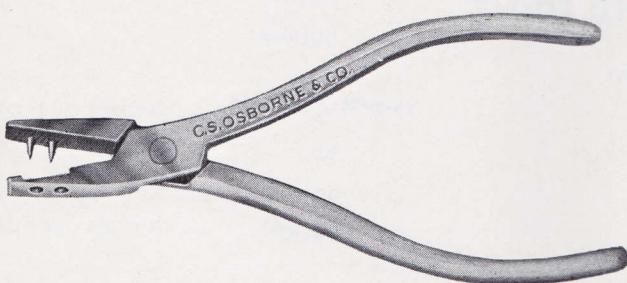


OSBORNE



SPECIALS

We invite your inquiries on "custom made" tools. All inquiries should be accompanied by a sketch, or preferably a sample. No quantities are too large or too small.



OSBORNE

The logo consists of the word "QUALITY" in a bold, red, sans-serif font, arched above a stylized torch. The torch has a circular base with the words "TRADE MARK" and "QUALITY" inside. The handle of the torch is vertical, and the flame is at the top, pointing upwards. The entire logo is rendered in red on a white background.

NEEDLES

Osborne upholsterers' and hardware needles have long been considered a standard for fine quality. These needles are imported from England where they are manufactured to our specifications from the finest steel. Upholsterers' and mattress needles are packed one dozen to a paper, 12 papers to a 1 gross package. Other types are packed as indicated. We do not sell needles in less than full packages.

CURVED ROUND POINT

No. 513X Cord, Extra Light

No. 513 Cord, Light

No. 501X Extra Light

Size	2	2½	3	3½	4	...	...	...	...	...	...	inches over all
Gauge	21	20	19	18	18							

No. 501½ Light

Size	2	2½	3	3½	4	5	6	7	8	....	inches over all
Gauge	19	18	18	17	17	16	15	15	15		

No. 501 Heavy

Size	2	2½	3	3½	4	5	6	7	8	10	inches over all
Gauge	17	17	16	16	15	14	14	14	13	13	

CURVED 3 SQUARE POINT

No. 502X Extra Light

Size	2	2½	3	3½	4	...	...	...	...	...	...	inches over all
Gauge	21	20	19	18	18							

No. 502½ Light

Size	2	2½	3	3½	4	5	6	7	8	....	inches over all
Gauge	19	18	18	17	17	16	15	15	15		

No. 502 Heavy

Size	2	2½	3	3½	4	5	6	7	8	10	inches over all
Gauge	17	17	16	16	15	14	14	14	13	13	

OSBORNE



NEEDLES

CURVED "LEATHER POINT"

No. 503 Light

Size	2	2½	3	3½	4	5	6	...	...	...	...	inches over all
Gauge	19	18	16	16	15	15	14	...	...	...	...	Oval
Gauge	23	21	19	19	19	19	17	...	...	...	...	Flat

No. 553 Heavy

Size	...	...	3	...	4	5	6	7	8	...	...	inches over all
Gauge	...	...	15	...	14	13	13	12	12	...	...	Oval
Gauge	...	...	18	...	17	17	17	14	14	...	...	Flat

Eye inside bend

CURVED MATTRESS NEEDLES LONG BAYONET POINT

No. 409

Size	3	4	5	6	7	8	inches over all
Gauge	16	15	14	13	13	14	

Eye inside bend

LAMPSHADE — ROUND POINT

No. 741

Size	2	2½	3	3½	4	inches over all
Gauge	21	21	21	19	19	

OSBORNE



NEEDLES

STRAIGHT SINGLE ROUND POINT



No. 504X Extra Light

Size	10	12	14	16	18	20	inches
Gauge	14	14	14	14	14	14	

No. 504 Light

Size	4	5	6	8	10	12	14	16	18	20	inches
Gauge	15	14	14	14	13	13	13	12	12	12	

No. 554 Heavy

Size	6	8	10	12	14	16	18	20	inches
Gauge	13	13	12	12	12	11	11	11	

STRAIGHT DOUBLE ROUND POINT



No. 505X Extra Light

Size	10	12	14	16	inches
Gauge	14	14	14	14	

No. 505 Light

Size	6	8	10	12	14	16	18	20	inches
Gauge	14	14	13	13	13	12	12	12	

No. 555 Heavy

Size	6	8	10	12	14	16	18	20	inches
Gauge	13	13	12	12	12	11	11	11	

STRAIGHT SINGLE 3 SQUARE POINT



No. 506 Light

Size	6	8	10	12	14	16	18	inches
Gauge	14	14	13	13	13	12	12	

No. 556 Heavy

Size	6	8	10	12	14	16	18	inches
Gauge	13	13	12	12	12	11	11	

FLOCKING



No. 514 Extra Heavy

Size	6	8	8	10	inches
Gauge	12	12	11	11	

STRAIGHT DOUBLE 3 SQUARE POINT



No. 507X Extra Light

Size	10	12	14	16	18	20	inches
Gauge	14	14	14	14	14	14	

No. 507 Light

Size	6	8	10	12	14	16	18	inches
Gauge	14	14	13	13	13	12	12	

No. 557 Heavy

Size	6	8	10	12	14	16	18	20	inches
Gauge	13	13	12	12	12	11	11	11	

OSBORNE



NEEDLES

CARPET NEEDLES
Round Point



No. 515

Size	1 1/8	2 1/8	2 1/2 inches
Gauge	18	18	17

Packed 25 Needles in a Paper
Usually sold by the thousand

CARPET NEEDLES
3 Square Point



No. 516

Size	1 1/8	2 1/8	2 1/2 inches
Gauge	18	18	17

Packed 25 Needles in a Paper
Usually sold by the thousand

HARNESS NEEDLES
Egg Eye



Regular Solid Sizes Nos. 1 to 7
Regular Solid Sizes No. 0
Regular Solid Sizes No. 00
Regular Solid Sizes No. 000
Assorted Sizes Nos. 0 to 4

Packed 25 Needles in a Paper
Usually sold by the thousand

GLOVERS' NEEDLES
Egg Eye



Regular Solid Sizes Nos. 1 to 7
Regular Solid Sizes No. 0
Regular Solid Sizes No. 00
Regular Solid Sizes No. 000
Assorted Sizes Nos. 0 to 4

UPHOLSTERERS' PINS

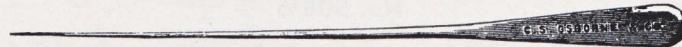


No. 190

Inches	3	3	3 1/2	4
Gauge	17	16	16	16

Packed 1/4 gross boxes to the carton or 1 gross to the carton

UPHOLSTERERS' REGULATORS



No. 306—AMERICAN PATTERN, TRIMMERS' REGULATOR



No. 306 1/2

ENGLISH PATTERN, WITH EYE, UPHOLSTERERS' REGULATOR

Size	6	7	8	9	10	12	inches
Light	9	9	9	8	8	7	Gauge
Heavy	6	6	5	5	5	5	Gauge

Packed one dozen

NOTE: **Extra Light** are made in sizes 6, 8 and 10 inches

OSBORNE



NEEDLES

SAILMAKERS' NEEDLES



No. 509

Size	9	10	11	12	13	14½	14	15½	15	16½	16	17½	17	Gauge
Length	4½	3¾	3½	3¾	3¼	3	2¾	2¾	2½	2½	2¾	2¾	2½	Inches

Packed 25 Needles in a Paper, 4 Papers in a Box. No Assorted Sizes.

BENT PACK NEEDLES



No. 508

Size	3	3½	4	4½	5	5½	6	6½	7	8	inches
Gauge	14	13	12	11	10	10	9	8	7	6	

Packed 3 Dozen in a Wrapper

STRAIGHT PACK NEEDLES



No. 508½

Size	4	5	6	inches
Gauge	12	10	9	

SPRING EYE STRAIGHT PACK NEEDLES WITH CUTTERS

No. 508½-SE

Size	4	5	6	inches
Gauge	8	8	8	

OSBORNE



NEEDLES

COLLAR NEEDLES, REGULAR BEND



No. 92

Size 3 3½ 4 4½ 5 5½ 6 6½ 7 8 inches

Packed 1 dozen

COLLAR NEEDLES, HALF MOON



No. 92½

Size 3 3½ 4 4½ 5 5½ 6 6½ 7 8 inches

Packed 1 dozen

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TRACING WHEELS

PAGE	Catalog No.	Description	Price
40	35½	Tracing Wheel, Style A	12.00 doz.
40	35½	Tracing Wheels, Style C	16.00 doz.
40	413	Automatic Awl	15.00 doz.
40	191	Trimmers Clips, 4"	
40	191	Trimmers Clips, 5"	
40	510	Thimble	2.40 doz.
41	127½	Edge Tool	20.00 doz.
41	126	Edge Tool	20.00 doz.
41	125	Edge Tool	9.00 doz.
41	68	Lace Cutter	
41	28	Compass, 6"	18.00 doz.
41	28	Compass, 8"	20.00 doz.

AWL HAFTS

42	143	Awl Haft	8.40 doz.
42	145	Awl Haft	8.40 doz.
42	146½	Awl Haft	8.40 doz.
43	140½	Awl Haft	20.00 gross
43	141	Awl Haft	18.00 gross
43	141½	Awl Haft	26.00 gross

AWLS

43		Harness Awls — refer to price sheet 7-B Needles	
43		Stitching Awls — refer to price sheet 7-B Needles	
43		Curved Sewing Awl, 2½"	16.00 gross
43		Curved Sewing Awl, 3"	18.00 gross
43		Curved Sewing Awl, 3½"	20.00 gross
43		Stabbing Awls, 1¾" to 2½"	15.00 gross
43		Stabbing Awl, 2¾"	17.00 gross
43		Stabbing Awl, 3"	19.00 gross
43	478	Scratch Awl	3.00 doz.
43	T-11	Scratch Awl	32.00 gross
43		Pegging Awls	10.00 gross
44	310	Awl	14.00 doz.
44	9	Awl	9.00 doz.
44	2	Awl	7.00 doz.
44	1	Awl	12.00 doz.
44	3	Awl	9.00 doz.
44	5	Awl	20.00 doz.
44	8	Awl	20.00 doz.

BUTCHERS' TOOLS

45	353	Roast Beef Tier	20.00 doz.
45	354	Ham Trier	16.00 doz.
45	358	Ham Stringer	20.00 doz.

SHEARS

46-47

HOUSEWARE

48	343	Nut Cracker	
48	219	Mincing Knife	
48	396	Ice Pick	
49	1	Meat Juice Press	
49	2	Meat Juice Press	
49	2B	Meat Juice Press	
50-51		Special Tools — not stock items	
52-53-54-55-56-57		Needles — see price sheet 7-B Needles	

ITEMS NOT PRICED HAVE BEEN TEMPORARILY DISCONTINUED

PUNCHES (Continued)

PAGE	Catalog No.	Description	Price
5	151	Bag Punch, 1 $\frac{3}{8}$ " and 1 $\frac{1}{2}$ "	9.00 each
5	151	Bag Punch, 1 $\frac{3}{4}$ " and 2"	14.00 each
5	158	Oval Punch, sizes 0 and 1	12.00 doz.
5	158	Oval Punch, sizes 2 to 6	11.00 doz.
5	158	Oval Punch, sizes 7 to 10	12.00 doz.
5	158	Oval Punch, sizes 11 and 12	14.00 doz.
5	158	Oval Punch, sizes 13 to 16	16.00 doz.
6	153 $\frac{1}{2}$	Heavy Spring Punch	12.00 each
6	153 $\frac{1}{2}$ \$	Heavy Spring Punch	6.00 each
6		Screw tubes for No. 153 $\frac{1}{2}$	1.00 each
6	282	Ear Marker	48.00 doz.
6	282	Cutters only	24.00 doz.
6	150	End Punch, 1/4" to 1"	4.00 each
6	150	End Punch, 1 $\frac{1}{8}$ " to 1 $\frac{1}{2}$ "	8.00 each
6	150	End Punch, 1 $\frac{3}{4}$ " and 2"	13.00 each
6	0150	End Punch, 1/4" to 1"	4.00 each
6	0150	End Punch, 1 $\frac{1}{8}$ " to 1 $\frac{1}{2}$ "	8.00 each
6	0150	End Punch, 1 $\frac{3}{4}$ " and 2"	13.00 each

MALLETS

8	89 $\frac{1}{2}$	Mallet, No. 2	12.00 doz.
8	89 $\frac{1}{2}$	Mallet, No. 2 $\frac{1}{2}$	11.00 doz.
8	89 $\frac{1}{2}$	Mallet, No. 3	10.00 doz.
8	89 $\frac{1}{2}$	Mallet, No. 3 $\frac{1}{2}$	9.00 doz.
8	89 $\frac{1}{2}$	Mallet, No. 4	8.00 doz.
8	90	Mallet, No. 2	9.60 doz.
8	90	Mallet, No. 3	7.80 doz.
8	90	Mallet, No. 4	6.00 doz.
8	90	Mallet, No. 5	5.00 doz.
8	89	Mallet, No. 2	18.70 doz.
8	89	Mallet, No. 3	17.50 doz.
8	89	Mallet, No. 4	16.20 doz.
8	89	Mallet, No. 5	12.50 doz.
8	489	Mallet	10.00 doz.

MAULS

9	435	Maul, 2" x 4"	Price on Application
9	435	Maul, 2 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ "	Price on Application
9	435	Maul, 3" x 6"	Price on Application
9	435	Maul, 3 $\frac{1}{2}$ " x 6"	Price on Application
9	435	Maul, 4" x 8"	Price on Application
9	434	Maul, 5" x 10"	7.10 each
9	434	Maul, 6" x 11"	8.50 each
9	434	Maul, 7" x 11"	9.00 each
9	434	Maul, 8" x 11"	9.70 each
9	434	Maul, 9" x 12"	10.60 each
9	436	Maul, 2" x 4"	Price on Application
9	436	Maul, 2 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ "	Price on Application
9	436	Maul, 3" x 6"	Price on Application
9	436	Maul, 3 $\frac{1}{2}$ " x 6"	Price on Application
9	436	Maul, 4" x 8"	Price on Application

MALLETS

10	165 $\frac{1}{2}$	Mallet, No. 0	11.00 each
10	165 $\frac{1}{2}$	Mallet, No. 1	12.00 each
10	165 $\frac{1}{2}$	Mallet, No. 2	13.00 each

MALLETS (Continued)

PAGE	Catalog No.	Description	Price
10	165½	Mallet, No. 3	15.00 each
10	165½	Mallet, No. 4	16.50 each
10	165½	Mallet, No. 5	18.50 each
10	165½	Mallet, No. 6	20.00 each
10	197	Mallet, No. 2	18.00 doz.
10	197	Mallet, No. 3	28.00 doz.
10	196	Mallet, No. 1	22.00 doz.
10	196	Mallet, No. 2	25.00 doz.
10	196	Mallet, No. 3	30.00 doz.
10	196	Mallet, No. 4	36.00 doz.
10	196	Mallet, No. 5	84.00 doz.

HOOKS

11	351	Hooks, 6"	7.00 doz.
11	351	Hooks, 8"	8.40 doz.
11	351	Hooks, 10"	15.60 doz.
11	H-11	Hooks, 6"	7.00 doz.
11	H-11	Hooks, 8"	9.40 doz.
11	H-12	Hooks, 6"	7.50 doz.
11	H-12	Hooks, 8"	9.40 doz.
11	H-13	Hooks	9.40 doz.

HAMMERS

12	225	Display Card — Free on Request	
12	225	Hammer	15.00 doz.
12	237	Hammer	16.00 doz.
12	238	Hammer	
12	222	Hammer	27.00 doz.
12	222½	Hammer	34.00 doz.
13	82	Claw	7.20 doz.
13	57	Hammer, size 000	14.00 doz.
13	57	Hammer, size 00	14.00 doz.
13	57	Hammer, size 0	15.00 doz.
13	57	Hammer, size 1	15.00 doz.
13	57	Hammer, size 2	16.00 doz.
13	57	Hammer, size 3	18.00 doz.
13	57	Hammer, size 4	20.00 doz.
13	57	Hammer, size 5	23.00 doz.
13	57	Hammer, size 6	24.00 doz.
13	57½	Hammer, size 2, with claw	23.20 doz.
13	57½	Hammer, size 3, with claw	25.20 doz.
14	220	Hammer	16.00 doz.
14	220½	Hammer, with claw	23.20 doz.
14	211	Hammer	20.00 doz.
14	210	Hammer	18.00 doz.
15	277	Hammer	
15	307	Hammer	16.00 doz.
15	570	Hammer	14.00 doz.
15	213	Hammer	24.00 doz.
15	60	Hammer	
16	61	Hammer	64.00 doz.
16	54	Hammer	
16	62	Hammer	64.00 doz.

ITEMS NOT PRICED HAVE BEEN TEMPORARILY DISCONTINUED

NIPPERS

PAGE	Catalog No.	Description	Price
17	97	Nippers, 8"	7.20 each
17	97	Nippers, 10"	7.90 each
17	97	Nippers, 12"	9.20 each
17	97	Nippers, 14"	11.20 each
17	97	Blades only for 8"	2.20 pair
17	97	Blades only for 10"	2.30 pair
17	97	Blades only for 12"	2.40 pair
17	97	Blades only for 14"	2.50 pair
17	97½	Nippers, 6"	3.60 each
17	97½	Nippers, 8"	4.00 each
17	97½	Nippers, 10"	4.80 each
17	97½	Nippers, 12"	6.00 each
17	97½	Blades only for 6"	1.30 pair
17	97½	Blades only for 8"	1.50 pair
17	97½	Blades only for 10"	1.70 pair
17	97½	Blades only for 12"	1.80 pair
17	94	Nippers	

PLIERS

18	325	Pliers, 8"	22.00 doz.
18	325	Pliers, 10"	24.00 doz.
18	325	Pliers, 12"	28.00 doz.
18	326	Pliers	18.00 doz.
18	327	Pliers	20.00 doz.
18	445	Pliers	40.00 doz.
18	250	Pliers	34.00 doz.
18	250-S	Pliers	
18	251	Pliers	
19	230	Pliers	42.00 doz.
19	234	Pliers, 14 oz.	42.00 doz.
19	234	Pliers, 18 oz.	48.00 doz.
19	103	Pliers	
19	98	Pliers, 6"	20.00 doz.
19	98	Pliers, 7"	
19	103½	Pliers	20.00 doz.
19	233	Pliers	48.00 doz.

KNIVES

20	76	Knives	10.00 doz.
20	76½	Knives	6.50 doz.
20	77	Knives	
20	78	Knives	12.00 doz.
20	71	Knives	20.00 doz.
21	79	Knives	10.00 doz.
21	79½	Knives	8.00 doz.
21	80	Knives	
21	479	Knives	8.00 doz.
21	70	Knives, 5"	35.00 doz.
21	70	Knives, 6"	40.00 doz.

LINOLEUM KNIVES

22	305	Linoleum Knife	
22	305XX	Linoleum Knife	
22	304	Linoleum Knife	36.00 doz.
22	425	Linoleum Knife	10.00 doz.
22	425½	Linoleum Knife	12.00 doz.

ITEMS NOT PRICED HAVE BEEN TEMPORARILY DISCONTINUED

KNIVES, MISC.

PAGE	Catalog No.	Description	Price
23	321	Knife, 4½"	
23	321	Knife, 5"	20.00 doz.
23	321	Knife, 6"	20.00 doz.
23	322	Knife	20.00 doz.
23	73	Knife, round handle	15.00 doz.
23	73	Knife, oval handle	
23	340	Knife	
23	341	Knife	

SLOYD KNIVES

24	6	Sloyd Knife	12.00 doz.
24	7	Sloyd Knife	11.00 doz.
25	2	Sloyd Knife	10.00 doz.
25	3	Sloyd Knife	10.00 doz.
25	1	Carver's Knife	10.00 doz.
25	2	Carver's Knife	10.00 doz.
25	3	Carver's Knife	12.00 doz.

KNIVES

25	469	Skiving Knife	12.00 doz.
25	480	Skiving Knife	
25	487	Incising Knife	7.20 doz.
26	259	Blades, all sizes	3.60 doz.
26	460	Size A Handle	16.00 doz.
26	460	Size B Handle	16.00 doz.
26	258	Shirt Blade	12.00 doz.
26	257	Handle	26.00 doz.

DRAW GAUGES

27	51½	Draw Gauge	42.00 doz.
27	52½	Draw Gauge	5.00 each
27		Extra Draw Gauge Blades	6.00 doz.

LETTERS AND FIGURES

27		Letters, $\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$ "	8.00 set
27		Letters, $\frac{3}{16}$ "	10.00 set
27		Letters, $\frac{1}{4}$ "	12.00 set
27		Letters, $\frac{5}{16}$ "	16.00 set
27		Letters, $\frac{3}{8}$ "	18.00 set
27		Letters, $\frac{7}{16}$ "	25.00 set
27		Letters, $\frac{1}{2}$ "	28.00 set
27		Figures, $\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$ "	2.60 set
27		Figures, $\frac{3}{16}$ "	3.30 set
27		Figures, $\frac{1}{4}$ "	4.00 set
27		Figures, $\frac{5}{16}$ "	5.30 set
27		Figures, $\frac{3}{8}$ "	6.00 set
27		Figures, $\frac{7}{16}$ "	8.00 set
27		Figures, $\frac{1}{2}$ "	9.00 set

WASHER CUTTERS

28	350	Washer Cutter	
28	47	Washer Cutter	
28	45	Washer Cutter	
29	44	Washer Cutter	6.00 each
29	422	Washer Cutter	
29	48	Washer Cutter	
29		Extra Blades for No. 44	5.00 each
29		Extra Blades for No. 48	3.00 pair
29		Extra Blades for No. 48	2.80 pair

ITEMS NOT PRICED HAVE BEEN TEMPORARILY DISCONTINUED

MARINE TOOLS

PAGE	Catalog No.	Description	Price
30	273	Caulking Irons, size 00	9.00 doz.
30	273	Caulking Irons, size 0	9.00 doz.
30	273	Caulking Irons, size 1	10.00 doz.
30	274	All sizes	
30	265	Sail Palms	17.00 doz.
30	266	Sail Palms	10.00 doz.
31	275	Marlin Spikes	Price on Application
31	276	Marlin Spikes	Price on Application
31	270	Scrapers	8.40 doz.
31	271	Scrapers	8.40 doz.
31	272	Scrapers	12.00 doz.
31		Blades for #270 and #271	4.80 doz.
31		Blades for #272	5.00 doz.

GROMMET DIES

32	216	Grommet Die, size 00	3.00 each
32	216	Grommet Die, size 0	3.00 each
32	216	Grommet Die, size 1	3.30 each
32	216	Grommet Die, size 2	3.40 each
32	216	Grommet Die, size 3	3.50 each
32	216	Grommet Die, size 4	3.90 each
32	216	Grommet Die, size 5	4.20 each
32	216	Grommet Die, size 6	4.80 each
32	G-1	Grommets — prices on application only	
32	235	Grommet Dies, size 0	1.20 each
32	235	Grommet Dies, size 1	1.30 each
32	235	Grommet Dies, size 2	1.90 each
32	235	Grommet Dies, size 3	2.10 each
32	500	Grommet Hole Cutters, size 00A	8.00 doz.
32	500	Grommet Hole Cutters, size 0A	8.00 doz.
32	500	Grommet Hole Cutters, size 1A	8.00 doz.
32	500	Grommet Hole Cutters, size 2A	10.00 doz.
32	500	Grommet Hole Cutters, size 3A	10.00 doz.
32	500	Grommet Hole Cutters, size 4A	14.00 doz.
32	500	Grommet Hole Cutters, size 5A	26.40 doz.
32	500	Grommet Hole Cutters, size 6A	27.60 doz.
32	500	Grommet Hole Cutters, size 7A	30.00 doz.
32	500	Grommet Hole Cutters, size 8A	31.20 doz.
33	G-2	Grommets — prices on application only	
33	216½	Grommet Dies, size 0	3.00 each
33	216½	Grommet Dies, size 1	3.30 each
33	216½	Grommet Dies, size 2	3.40 each
33	216½	Grommet Dies, size 3	3.50 each
33	216½	Grommet Dies, size 4	3.90 each
33	216½	Grommet Dies, size 5	4.20 each
33	216½	Grommet Dies, size 6	4.80 each
33	216½	Grommet Dies, size 7	7.20 each
33	216½	Grommet Dies, size 8	8.00 each
33	232	Grommet Dies, size 1	5.50 each
33	232	Grommet Dies, size 2	6.60 each
33	400	Grommet Hole Cutter, size 1	4.00 each
33	400	Grommet Hole Cutter, size 2	4.00 each

BOX CHISELS

34	347	Box Chisel	
34	304	Crate Opener	
34	318	Shave Hooks, all styles	12.00 doz.
34	269	Box Scraper	17.50 doz.

ITEMS NOT PRICED HAVE BEEN TEMPORARILY DISCONTINUED

LADLES

PAGE	Catalog No.	Description	Price
35	317	Ladies, 2½"	9.50 doz.
35	317	Ladies, 3"	11.00 doz.
35	317	Ladies, 3½"	12.50 doz.
35	317	Ladies, 4"	15.50 doz.
35	317	Ladies, 5"	19.00 doz.
35	317	Ladies, 6"	22.00 doz.
35	317	Ladies, 7"	55.00 doz.
35	317	Ladies, 8"	72.00 doz.
35	317	Ladies, 9"	100.00 doz.
35	317	Ladies, 10"	120.00 doz.
35	412	Solder Pots, 5"	1.80 each
35	412	Solder Pots, 6"	2.20 each
35	412	Solder Pots, 8"	3.60 each
35	412	Solder Pots, 9"	4.20 each
35	412	Solder Pots, 10½"	5.40 each
35	412	Solder Pots, 12"	9.00 each
35	412	Solder Pots, 13½"	12.00 each

RIVET SETS

36	376	Rivet Sets, size 00	16.00 doz.
36	376	Rivet Sets, size 0	16.00 doz.
36	376	Rivet Sets, sizes 1 and 2	11.00 doz.
36	376	Rivet Sets, sizes 3 and 4	9.00 doz.
36	376	Rivet Sets, sizes 5 and 6	8.00 doz.
36	120B	Rivet Sets, sizes 00 and 0	14.00 doz.
36	120B	Rivet Sets, sizes 1 to 4	12.00 doz.
36	120B	Rivet Sets, sizes 5 to 12	10.00 doz.

TINNERS' PUNCHES

36	285	Metal Punches	
36	418	Punches, A	4.00 doz.
36	418	Punches, B	8.00 doz.
37	283	Metal Cutter	7.00 each
37	283½	Metal Cutter	11.00 each
37		Blades for #283	4.00 pair
37		Blades for #283½	6.00 pair

BEARING SCRAPERS

37	240	Bearing Scrapers	2.80 set
37	242	Bearing Scrapers	8.40 doz.

CLAW TOOLS

38	122	Claw Tools	12.00 doz.
38	122½	Claw Tools	8.00 doz.
38	123	Claw Tools	16.00 doz.
38	123½	Claw Tools	20.00 doz.
38	124	Claw Tools	13.00 doz.
38	124½	Claw Tools	13.00 doz.
38	200	Claw Tools	10.00 doz.
38	352	Claw Tools	

UPHOLSTERERS' TOOLS

39	254	Webbing Stretchers	9.00 doz.
39	255	Webbing Stretchers	12.00 doz.
39	12	Carpet Kicker	16.00 each
39		Tooth Block for No. 12	3.00 each
39	404	Ripping Tool	12.00 doz.
39	300	Carpet Awl	12.00 doz.

ITEMS NOT PRICED HAVE BEEN TEMPORARILY DISCONTINUED

TRACING WHEELS

PAGE	Catalog No.	Description	Price
40	35½	Tracing Wheel, Style A	12.00 doz.
40	35½	Tracing Wheels, Style C	16.00 doz.
40	413	Automatic Awl	15.00 doz.
40	191	Trimmers Clips, 4"	
40	191	Trimmers Clips, 5"	
40	510	Thimble	2.40 doz.
41	127½	Edge Tool	20.00 doz.
41	126	Edge Tool	20.00 doz.
41	125	Edge Tool	9.00 doz.
41	68	Lace Cutter	
41	28	Compass, 6"	18.00 doz.
41	28	Compass, 8"	20.00 doz.

AWL HAFTS

42	143	Awl Haft	8.40 doz.
42	145	Awl Haft	8.40 doz.
42	146½	Awl Haft	8.40 doz.
43	140½	Awl Haft	20.00 gross
43	141	Awl Haft	18.00 gross
43	141½	Awl Haft	26.00 gross

AWLS

43		Harness Awls — refer to price sheet 7-B Needles	
43		Stitching Awls — refer to price sheet 7-B Needles	
43		Curved Sewing Awl, 2½"	16.00 gross
43		Curved Sewing Awl, 3"	18.00 gross
43		Curved Sewing Awl, 3½"	20.00 gross
43		Stabbing Awls, 1¾" to 2½"	15.00 gross
43		Stabbing Awl, 2¾"	17.00 gross
43		Stabbing Awl, 3"	19.00 gross
43	478	Scratch Awl	3.00 doz.
43	T-11	Scratch Awl	32.00 gross
43		Pegging Awls	10.00 gross
44	310	Awl	14.00 doz.
44	9	Awl	9.00 doz.
44	2	Awl	7.00 doz.
44	1	Awl	12.00 doz.
44	3	Awl	9.00 doz.
44	5	Awl	20.00 doz.
44	8	Awl	20.00 doz.

BUTCHERS' TOOLS

45	353	Roast Beef Tier	20.00 doz.
45	354	Ham Trier	16.00 doz.
45	358	Ham Stringer	20.00 doz.

SHEARS

46-47

HOUSEWARE

48	343	Nut Cracker	
48	219	Mincing Knife	
48	396	Ice Pick	
49	1	Meat Juice Press	
49	2	Meat Juice Press	
49	2B	Meat Juice Press	
50-51		Special Tools — not stock items	
52-53-54-55-56-57		Needles — see price sheet 7-B Needles	

ITEMS NOT PRICED HAVE BEEN TEMPORARILY DISCONTINUED

A HANDBOOK OF UPHOLSTERERS TOOLS

Fine work can only be done by fine craftsmen, using fine materials and fine tools. By specifying Osborne tools and using correct catalog numbers you can be sure of getting superior quality tools.

ORDER FROM YOUR JOBBER

From

JOHN J. FOGARTY
UPHOLSTERERS SUPPLIES
RIVER STREET
TROY, N. Y.

Sec. 562 P. L. & R

To

OSBORNE MAGNETIC HAMMERS

Osborne Magnetic Hammers are guaranteed to hold their magnetism indefinitely. Should any of our hammers lose their magnetism, we will gladly remagnetize same, free of charge, upon presentation at our factory.

MAGNETIC UPHOLSTERERS' HAMMER

The most widely used Upholsterers' Hammer. Many upholsterers will refuse to accept substitutes for the genuine "Osborne".



OSBORNE No. 222

Forged from our special tool steel. Highly polished head. Hickory handle. Length of head, 5½ inches. Weight, 7½ ounces. Magnetic face, 5/16 inch. Large face, ½ inch.

MAGNETIC TRIMMERS' HAMMER

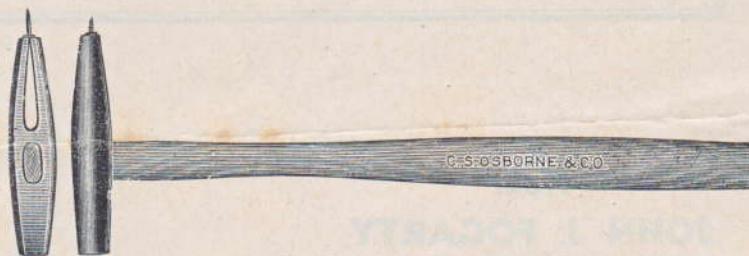


OSBORNE No. 222½

This hammer is the same as No. 222 but with tack claw on end of handle. Can be furnished left handed if specified. Magnetic face, 5/16 inch. Large face ½ inch. Length of head 5½ inches. Weight of head, 7½ ounces.

MAGNETIC TACK HAMMERS

Popular weights and sizes for window trimmers, upholsterers and household use. Forged from our special tool steel, carefully tempered. Highly polished head. Best quality hickory handle.



Forged Steel—Polished Head—Hickory Handle

No.	Head	Head	Overall
225	4 oz.	3½ in.	11 in.
237	5 oz.	4⅛ in.	11½ in.

UPHOLSTERERS' HAMMER (Non Magnetic)



OSBORNE No. 211

Adze Eye, White Hickory Handles. Double face; small face 5/16 inch, large face ½ inch. Length of Head, 5½ inches. Weight, 9 oz.

HAMMER CLAW



OSBORNE No. 82

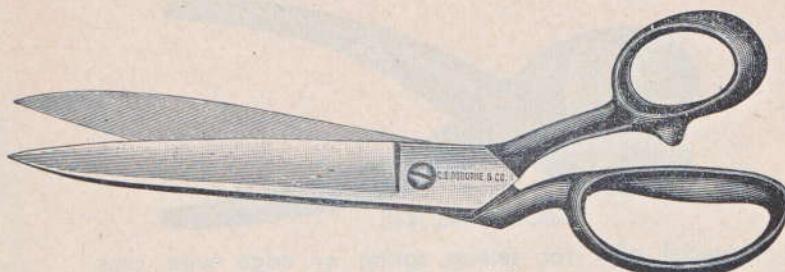
Forged steel, carefully hardened and tempered. Polished complete. Widely used by automobile trimmers. Weight per dozen, 14 oz.

FOR USE WITH 222½

A Circular On Osborne Needles Will Be Sent On Request

OSBORNE TOOLS

BENT TRIMMERS' SHEARS



OSBORNE No. 164

Forged Steel.

Japanned Handles—Nickled Blades.

Bent Trimmers' Shears made as follows:

Full Length	Length of Cut	Weight, Each
12 in.	6 $\frac{1}{4}$ in.	22 oz.
10 in.	4 $\frac{3}{4}$ in.	11 oz.
8 in.	3 $\frac{3}{4}$ in.	6 oz.

WEBBING STRETCHER

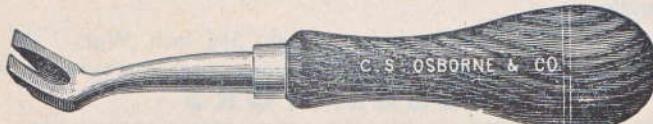
(Plain End)



OSBORNE No. 254

Webbing Stretcher is Plain Maple with one row of 6 Steel Teeth. Weight, 6 $\frac{1}{2}$ oz.; Length 7 $\frac{1}{2}$ in.; Width, 3 $\frac{3}{8}$ in.

CLAW TOOLS



OSBORNE No. 122

Especially adapted for lifting tacks and small nails. Drop Forged Steel Blade. Rosewood Handle.

Length 6 $\frac{1}{2}$ inches. Weight 2 lbs. per dozen.

No. 122 $\frac{1}{2}$. Lighter Weight same pattern. Black Handle.

Length 6 inches. Weight 1 $\frac{1}{2}$ lbs. per dozen.

RIPPING TOOL



OSBORNE No. 404

Forged Steel Blade, Polished—Chisel edge—White Hickory Handle—Heavy Iron Japanned Ferrules. Length, 8 $\frac{3}{4}$ in. Weight, 4 $\frac{1}{2}$ lbs. per dozen. Width of edge, $\frac{1}{2}$ in.

DENTAL SNIPS

Forged Steel.



OSBORNE No. 415

Japanned Handles—Nickled Blades

Number	Full Length	Length of Cut	Weight, Each
0	7 $\frac{1}{2}$ in.	2 in.	5 $\frac{1}{2}$ oz.
1	8 in.	2 $\frac{1}{2}$ in.	6 oz.

Used for cutting small wire and light sheet metals.

WEBBING STRETCHER

(Rubber End)

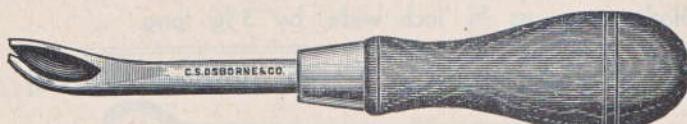


OSBORNE No. 255

Webbing Stretcher is made of Maple with Corrugated Rubber end and one row of 6 Steel Teeth.

Weight, 6 oz.; Length, 7 $\frac{1}{2}$ in.; Width, 3 $\frac{3}{8}$ in.

CLAW TOOLS

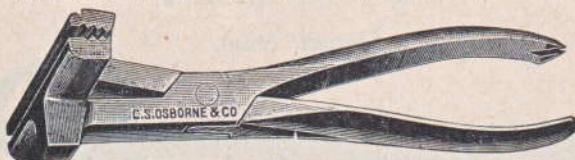


OSBORNE No. 200

Narrow at the Points for Upholstery Work. Forged Steel. Hardwood Handle. Length, 7 $\frac{1}{2}$ inches. Weight, 2 lbs. 10 oz. per doz.

OSBORNE TOOLS

WEBBING OR LEATHER PLIER



OSBORNE No. 250

No. 250 Plier is made with Hammer Jaw; the hammer acts as a lever if a strong pull is required. This is an excellent tool for stretching leather and canvas. It can also be used as a hammer. Length, 8 3/4 in.; Width of Jaw, 3 1/2 in.; Weight, 1 lb. 2 oz. each.

HICKORY MALLET

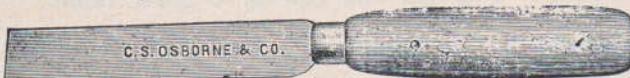


OSBORNE No. 89 1/2

A beautifully finished, round second growth hickory mallet. Made in two sizes for upholsters. The finest quality mallet made.

No.....	3 1/2	4
Weight	14 oz.	12 oz.
Size.....	2 1/4 x 5 1/4"	2 x 5"

SQUARE POINT KNIFE



OSBORNE No. 76 1/2

Trimmers' and Upholsterers' Knife, White Handle, Pinned Blade measures 5/8 inch wide, by 3 7/8 long.

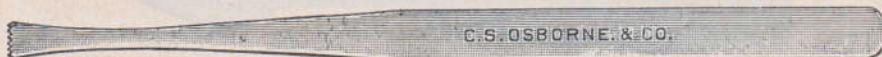
UPHOLSTERERS' PINS (Nickel Plated)



OSBORNE No. 190

Inches	3	3 1/2
Gauge	17	16
Packed 1 gross to the carton		

FLAT STUFFING RODS



OSBORNE No. 119

Forged Steel Stuffing Rod. Made in sizes 16 and 18 inches. Width at Points, 5/8 inch.

SPRING CLIP PLIERS



OSBORNE No. 445

A special plier for setting spring or edge wire clips. A great time saver.

HICKORY MALLET



OSBORNE No. 90

A serviceable and sturdy mallet, widely used for a variety of purposes.

No.....	3	4
Weight	13 oz.	10 oz.
Size	2 1/2 x 4 1/2"	2 1/4 x 4 1/4"

RUBBER MALLET



OSBORNE No. 197

No. 197 Rubber Mallets can be used on furniture without fear of marring. Head of solid rubber with Hickory Handle.

Size, 2 Diameter, 2 inch. Length, 3 1/4 inch. Wgt., 1 lb.

REGULATORS

ENGLISH PATTERN, WITH EYE, UPHOLSTER'S REGULATOR



OSBORNE No. 306 1/2

Size	6	7	8	9	10	12	inches
Light	9	9	9	8	8	7	Gauge
Heavy	6	6	5	5	5	5	Gauge

C.S. OSBORNE & CO.